

DW-4000 - VERTICAL INSTALLATION

REVISION

0	5/16/22
1	12/15/23
2	1/8/24

AR-PJ-01-DW4V	DW4000C PANEL PROFILE
AR-PJ-02-DW4V	2" VERTICAL PANEL JOINT
AR-PJ-03-DW4V	2 1/2" VERTICAL PANEL JOINT
AR-PJ-04-DW4V	3" VERTICAL PANEL JOINT
AR-PJ-05-DW4V	4" VERTICAL PANEL JOINT
AR-PJ-06-DW4V	PANELS OVER STRUCTURAL STEEL
AR-PJ-07-DW4V	PANELS OVER METAL STUDS
AR-PJ-08-DW4V	PANELS OVER CONCRETE
AR-PJ-09-DW4V	DESIGNWALL 4000 TO 2000
AR-PJ-10-DW4V	DESIGNWALL 2000 TO 4000
AR-BS-01-DW4V	BASE DETAIL - OVERHANG - TRIM
AR-BS-02-DW4V	BASE DETAIL - OVERHANG - EXTRUSION
AR-BS-03-DW4V	BASE DETAIL - FLUSH - TRIM
AR-BS-04-DW4V	BASE DETAIL - FLUSH - EXTRUSION
AR-OC-01-DW4V	OUTSIDE CORNER - TRIM
AR-OC-02-DW4V	OUTSIDE CORNER - EXTRUSION
AR-IC-01-DW4V	INSIDE CORNER - TRIM
AR-IC-02-DW4V	INSIDE CORNER - EXTRUSION
AR-FO-01-DW4V	FRAMED OPENING HEAD - DRIP EDGE TRIM
AR-FO-02-DW4V	FRAMED OPENING HEAD - EXTRUSION
AR-FO-03-DW4V	FRAMED OPENING JAMB - TRIM
AR-FO-04-DW4V	FRAMED OPENING JAMB - EXTRUSION
AR-FO-05-DW4V	FRAMED OPENING SILL - TRIM
AR-FO-06-DW4V	FRAMED OPENING SILL - EXTRUSION
AR-FO-07-DW4V	TRIM ASSEMBLY AT FRAMED OPENING
AR-FO-08-DW4V	TRIM ASSEMBLY AT FRAMED OPENING
AR-FO-09-DW4V	EXTRUSION ASSEMBLY AT FRAMED OPENING
AR-FO-10-DW4V	EXTRUSION ASSEMBLY AT FRAMED OPENING

INDEX SHEET

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AR-EW-01-DW4V	PANEL TERMINATION - TRIM
AR-EW-02-DW4V	PANEL TERMINATION - EXTRUSION
AR-SF-01-DW4V	SOFFIT - TRIM
AR-SF-02-DW4V	SOFFIT - EXTRUSION
AR-SF-03-DW4V	TRANSVERSE BENT SOFFIT
AR-SJ-01-DW4V	STACK JOINT - TRIM
AR-SJ-02-DW4V	STACK JOINT - EXTRUSION
AR-PR-01-DW4V	PARAPET - FLUSH TRIM
AR-PR-02-DW4V	PARAPET - PROFILED TRIM
AR-PR-03-DW4V	PARAPET - EXTRUSION
AR-PE-01-DW4V	PIPE PENETRATION SECTION
AR-PE-02-DW4V	PIPE PENETRATION ISOMETRIC
AR-PE-03-DW4V	KNIFE PLATE PENETRATION PLAN / SECTION
AR-PE-04-DW4V	KNIFE PLATE PENETRATION ISOMETRIC
AR-PE-05-DW4V	I-BEAM PENETRATION PLAN / SECTION
AR-PE-06-DW4V	I-BEAM PENETRATION ISOMETRIC
AR-TL-01-DW4V	BASE FLASHING W/ HEM TRIM LAP
AR-TL-02-DW4V	BASE FLASHING TRIM LAP
AR-TL-03-DW4V	MENDING PLATE TRIM LAP
AR-TL-04-DW4V	PARAPET LAP TRIM AND LAP STRIP
AR-EX-01-DW4V	2" EXTRUSIONS
AR-EX-02-DW4V	OUTSIDE CORNER EXTRUSION OPTIONS
AR-EX-03-DW4V	2.5" EXTRUSIONS
AR-EX-04-DW4V	3" EXTRUSIONS
AR-EX-05-DW4V	4" EXTRUSIONS
AR-LS-01-DW4V	LAP STRIPS

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THESE DETAILS ARE PROVIDED AS A GUIDELINE FOR PROPER PANEL AND ASSOCIATED COMPONENT INSTALLATION, AND ARE BASED ON INDUSTRY ACCEPTED PRACTICES.

LOCATION OF VAPOR BARRIERS AND ASSOCIATED SEALANTS IN THESE DETAILS ARE BASED ON TYPICAL DESIGN PRACTICES FOR MOST U.S. CLIMACTIC ZONES. (THE PRIMARY VAPOR BARRIER IS PLACED ON THE "WARM" SIDE IN WINTER).

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EXTRUSION SHAPES / ENGAGEMENT MAY VARY FROM THOSE SHOWN.

PROJECTS LOCATED IN AREAS SUBJECT TO EXTREME COLD AND/OR HIGH SNOW LOADS MAY REQUIRE MODIFICATIONS TO THESE DETAILS - CONTACT KINGSPAN TECHNICAL SERVICES FOR SPECIFIC PROJECT RECOMMENDATIONS.

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DISCLAIMER

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CORE DEPTHS:
2", 2.5", 3", 4"

MODULE WIDTH:
24" THROUGH 42"

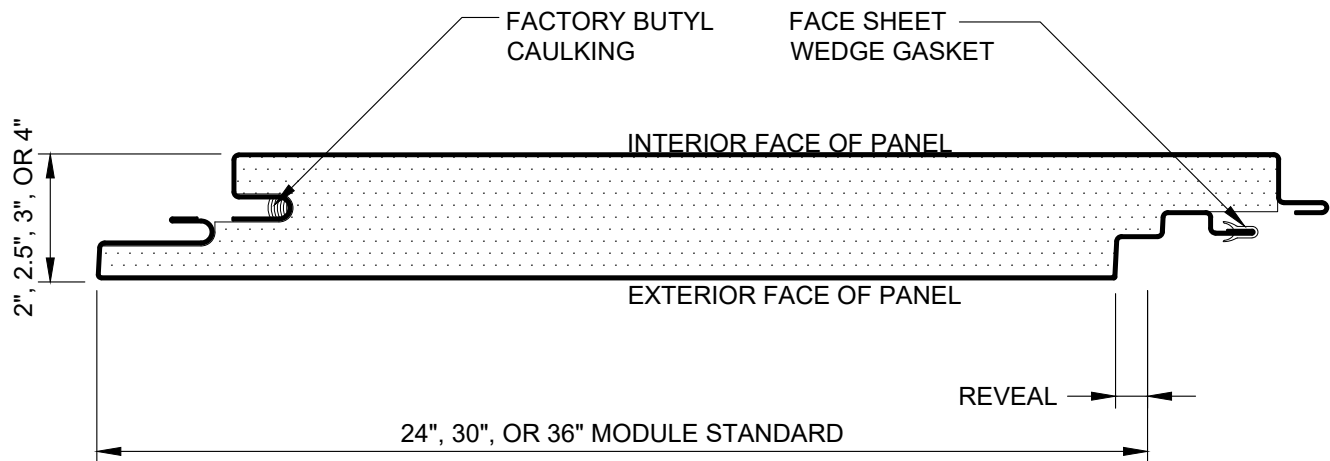
EMBOSSING:
EXTERIOR: STUCCO / SMOOTH
INTERIOR: STUCCO / SMOOTH

STEEL GAUGES:
EXTERIOR: 22, 20
INTERIOR: 24, 22

PANEL ORIENTATION:
VERTICAL or HORIZONTAL

LENGTHS:
MINIMUM: 2'-0"
(MINIMUM LENGTH FOR FM
GLOBAL PROJECTS IS 8'-0")
MAXIMUM: 24'-0"

REVEAL OPTIONS:
1/8", 1/2", 1", 2", 3"



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

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DW4000C PANEL
PROFILE

DETAIL #: AR-PJ-01-DW4V

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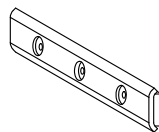
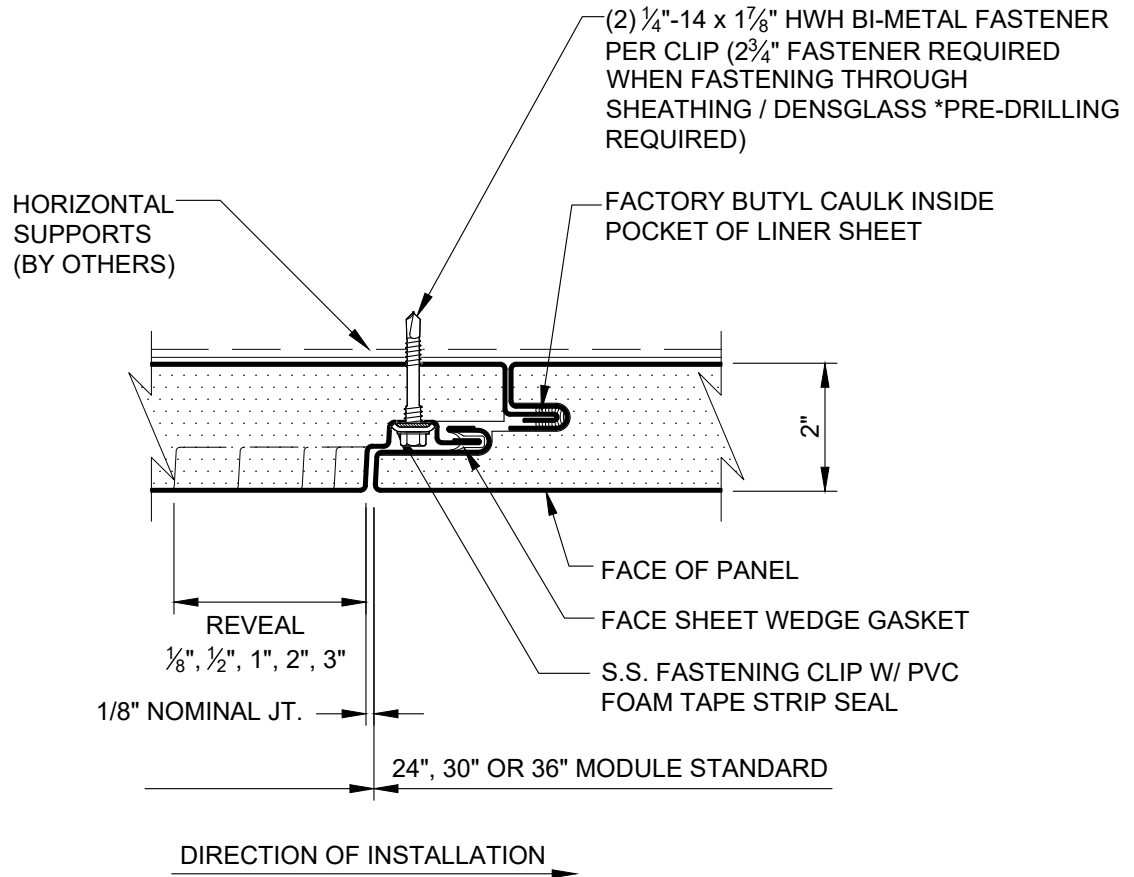


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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



FASTENING CLIP

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2" VERTICAL
PANEL JOINT

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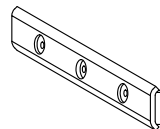
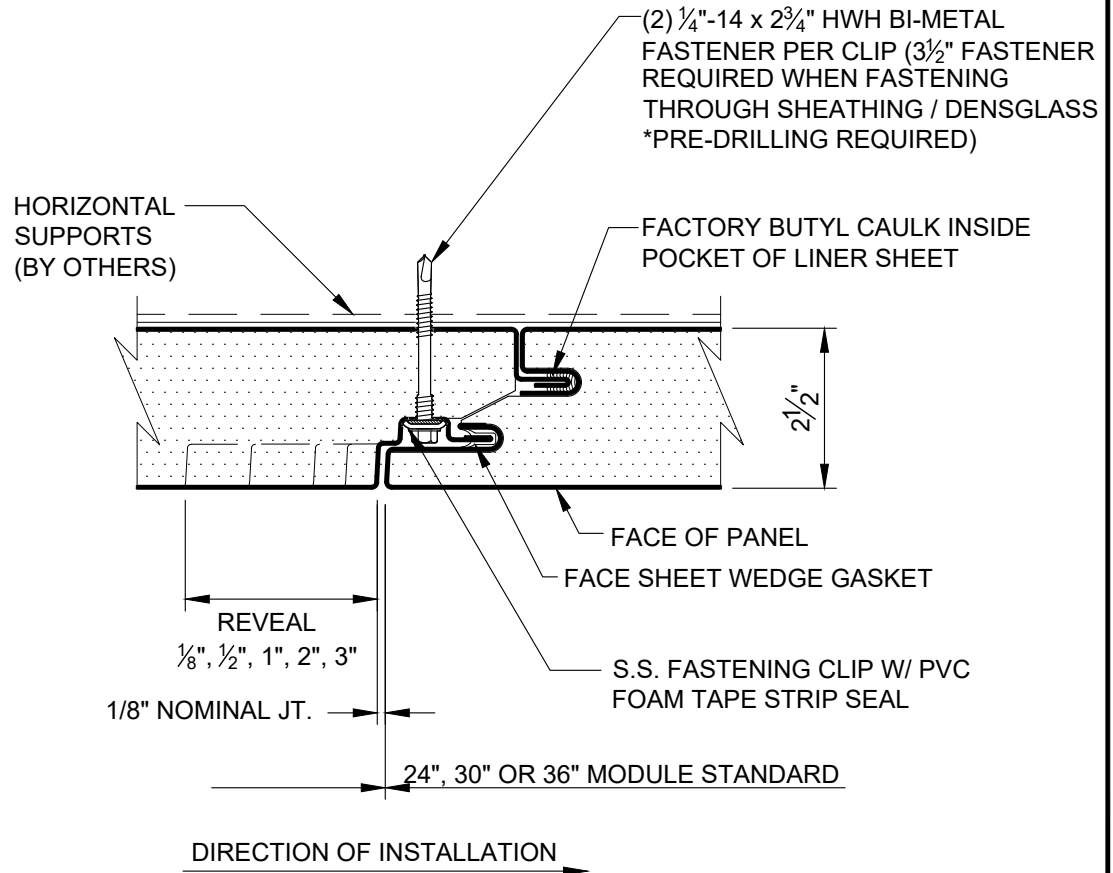


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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



FASTENING CLIP

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2 1/2" VERTICAL
PANEL JOINT

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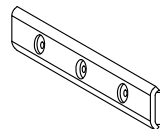
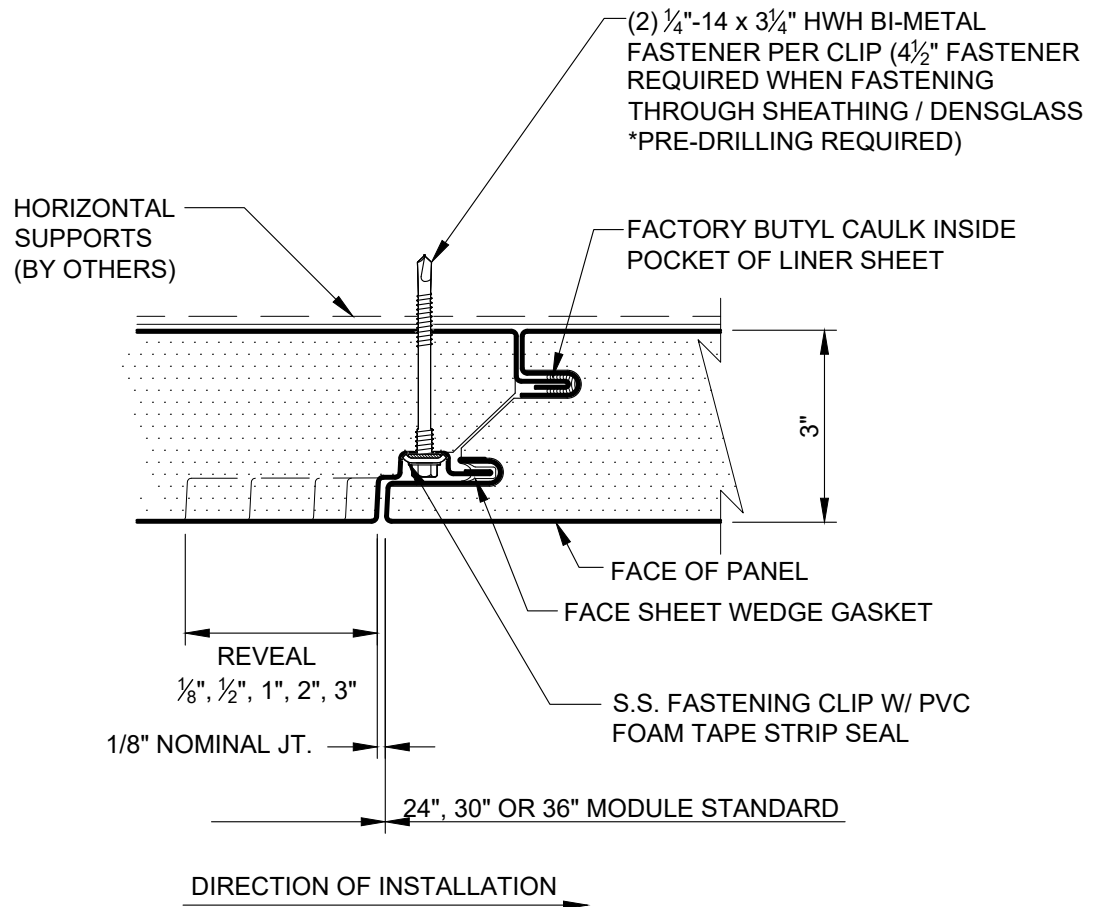


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DW-4000 - VERTICAL INSTALLATION

NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



FASTENING CLIP

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3" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-04-DW4V

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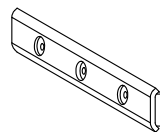
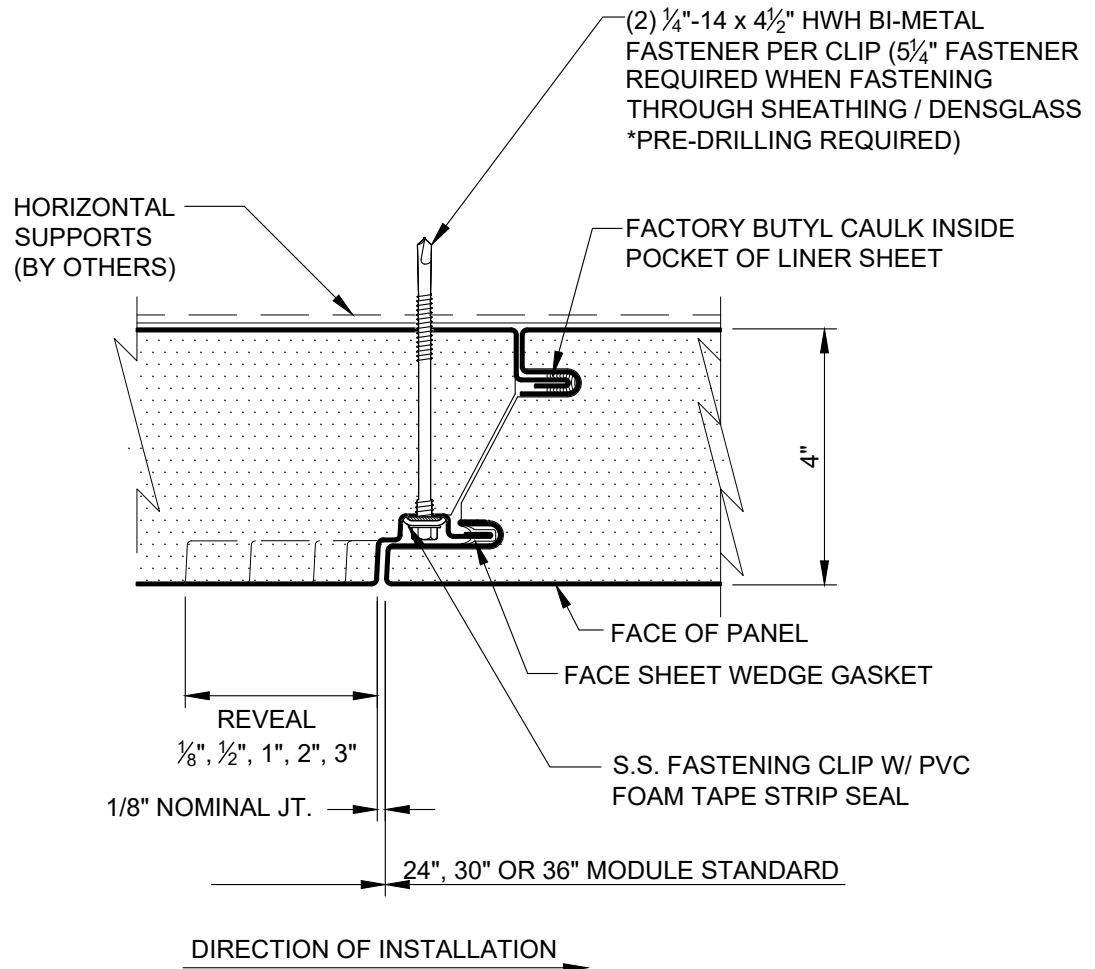


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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED



FASTENING CLIP

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4" VERTICAL
PANEL JOINT

DETAIL #: AR-PJ-05-DW4V

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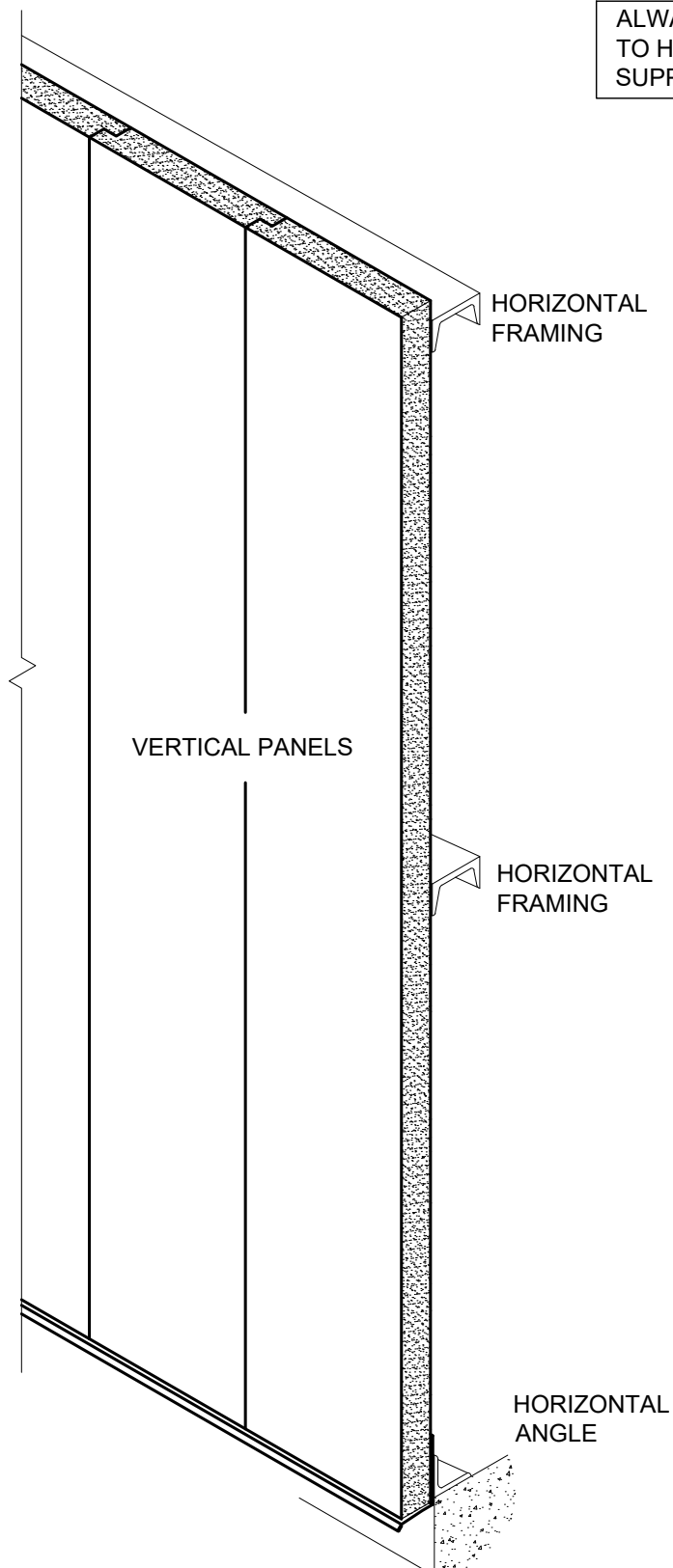
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ALWAYS ATTACH VERTICAL PANELS
TO HORIZONTALLY ORIENTED
SUPPORTS



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PANELS OVER
STRUCTURAL STEEL

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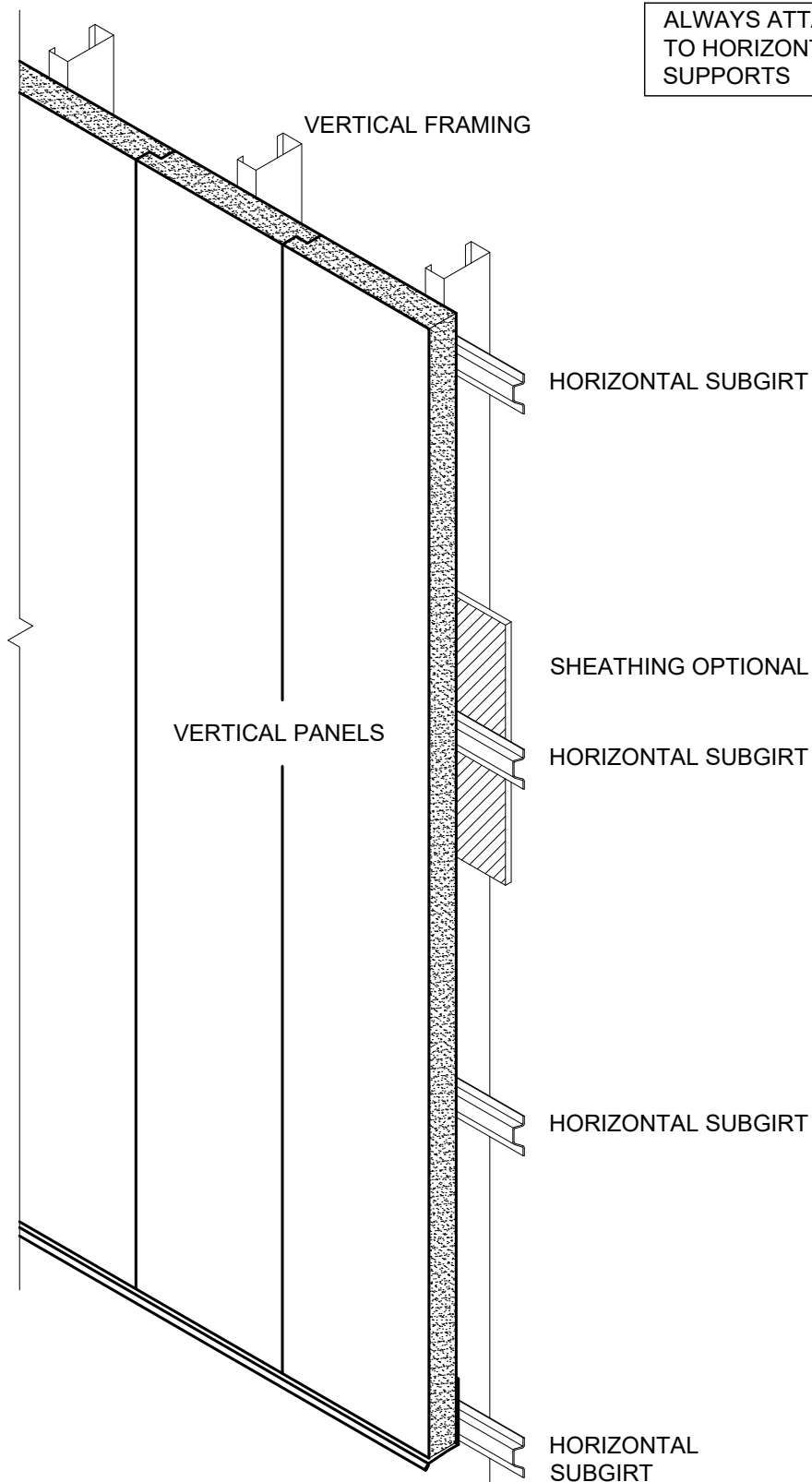
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TO HORIZONTALLY ORIENTED
SUPPORTS



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PANELS OVER METAL
STUDS

DETAIL #: AR-PJ-07-DW4V

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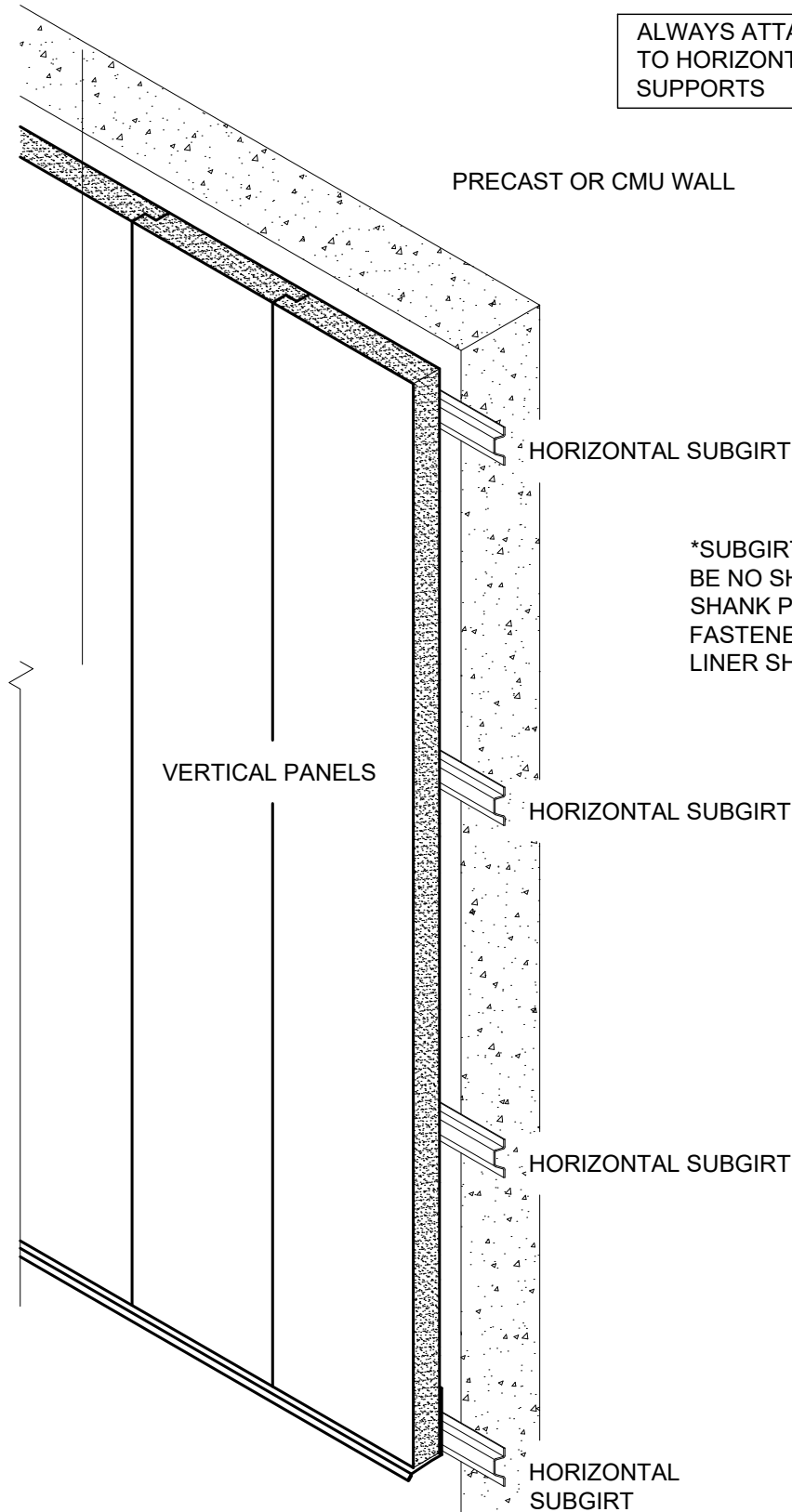
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ALWAYS ATTACH VERTICAL PANELS
TO HORIZONTALLY ORIENTED
SUPPORTS



*SUBGIRT DEPTH MUST
BE NO SHALLOWER THAN
SHANK PENETRATION OF
FASTENERS BEHIND
LINER SHEET

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PANELS OVER
CONCRETE

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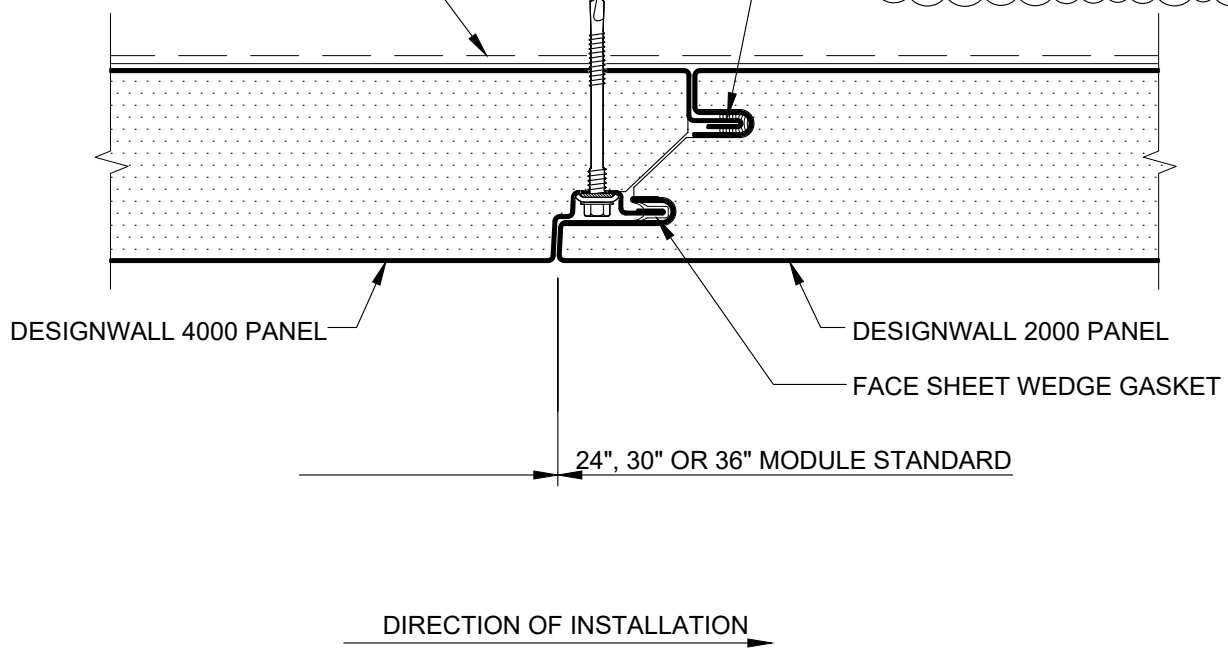
DW-4000 - VERTICAL INSTALLATION

(2) 1/4"-14 x 3/4" HWH BI-METAL FASTENER PER CLIP. (USE 4 1/2" WHEN FASTENING THROUGH SHEATHING/DENSGLOSS)
PRE-DRILLING REQ'D

HORIZONTAL SUPPORTS (BY OTHERS)

DO NOT ENGAGE MALE LEG OF DW4000 INTO EMPTY POCKET WITH NO SEAL

APPLY BUTYL CAULK INSIDE FEMALE POCKET OF LINER SHEET OF DESIGNWALL 2000 PANEL PRIOR TO JOINT ENGAGEMENT WITH DESIGNWALL 4000 PANEL



NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

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DW4000 TO DW2000

DETAIL #: AR-PJ-09-DW4V

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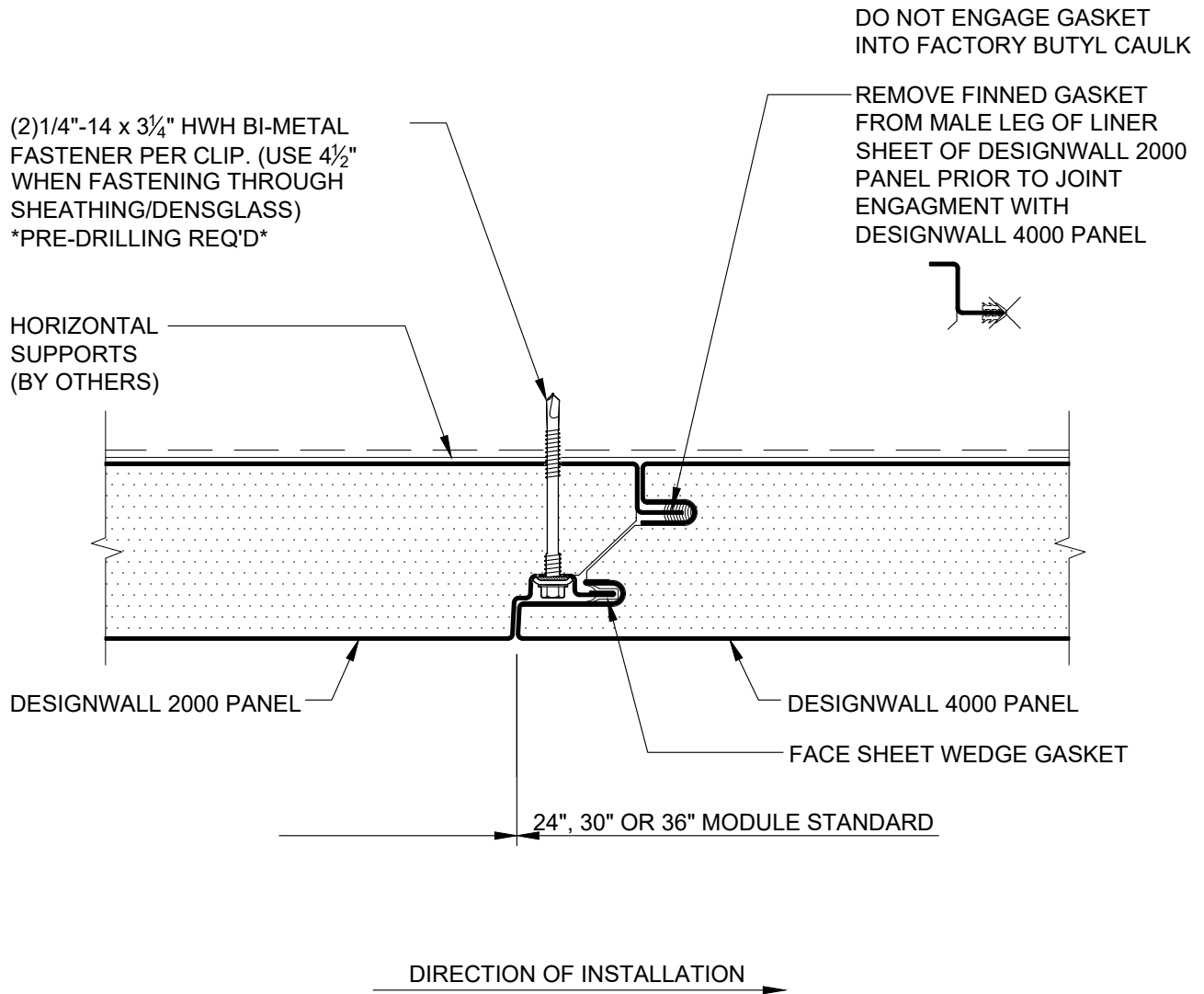
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NFPA 285 COMPLIANCE TABLE

PANEL TYPE	CORE	LEAST PANEL WIDTH	THERMAL BARRIER (WALL)	THERMAL BARRIER (HEAD /SILL/JAMB/STACK JOINT)
DESIGNWALL 4000 (VERTICAL)	QUADCORE	< 24"	NON-COMPLIANT PANEL	NON-COMPLIANT PANEL
DESIGNWALL 4000 (VERTICAL)	QUADCORE	≥ 24"	NOT REQUIRED	NO THERMAL BARRIER REQUIRED

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DW2000 TO DW4000

DETAIL #: AR-PJ-10-DW4V

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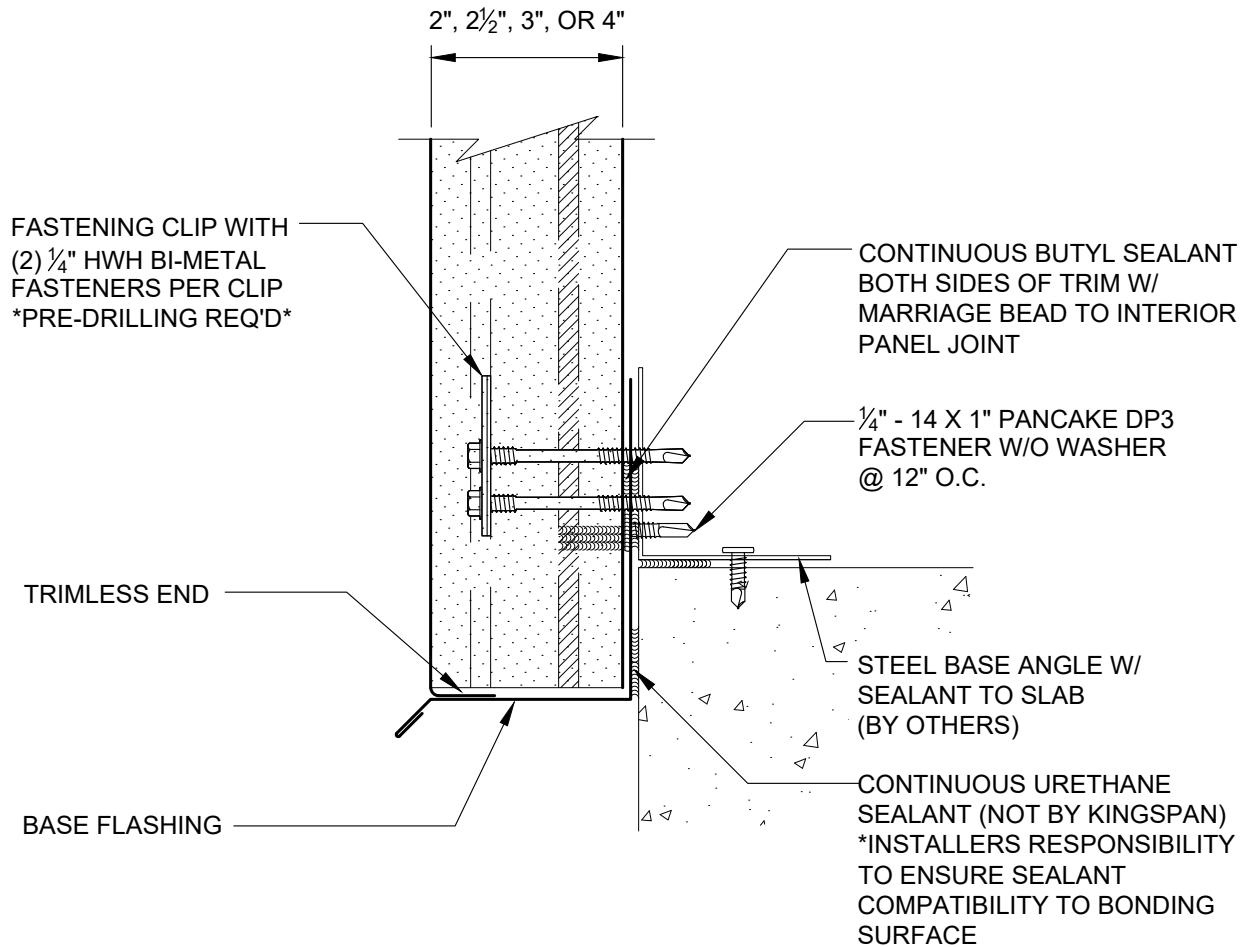
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BASE DETAIL -
OVERHANG - TRIM

DETAIL #: AR-BS-01-DW4V

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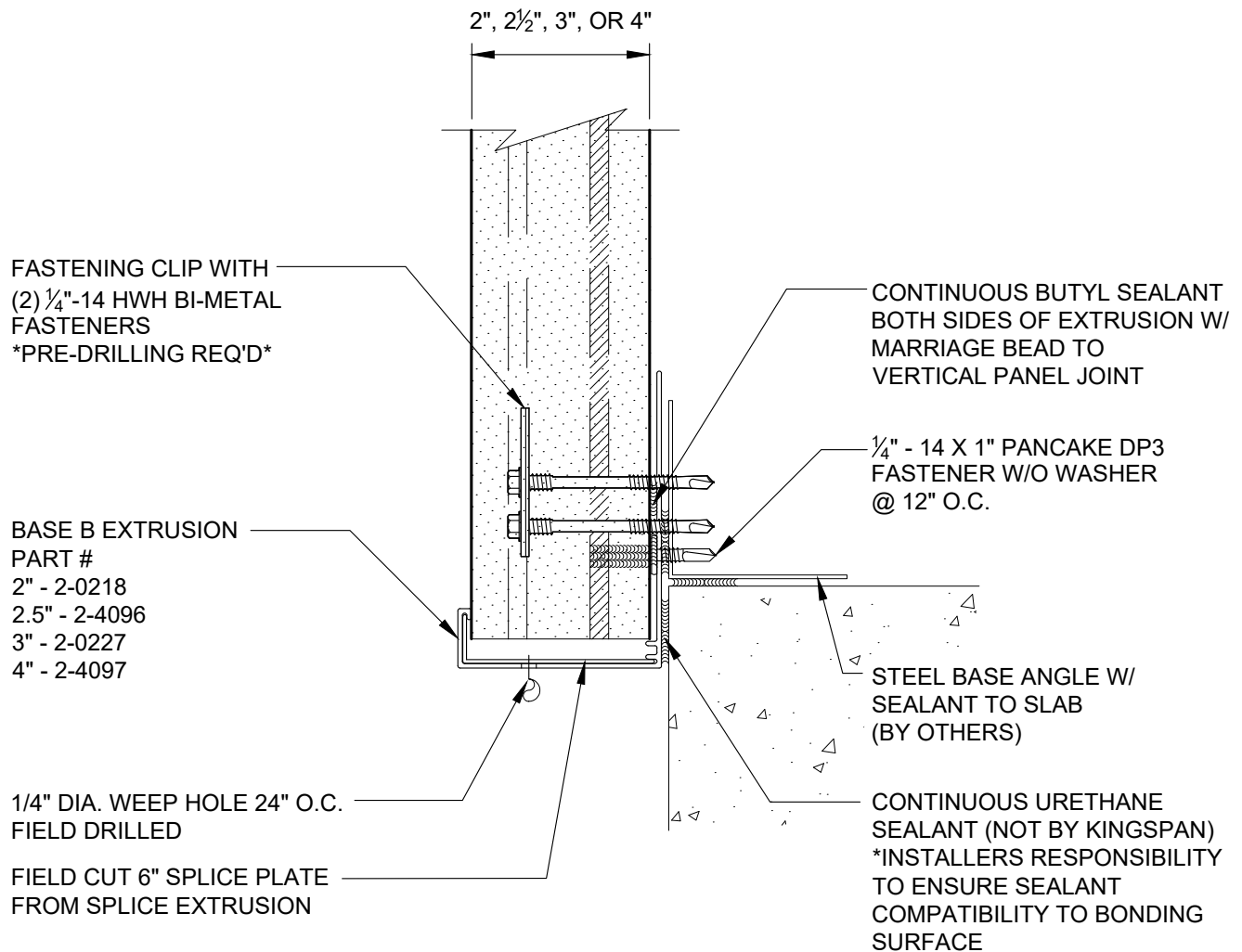
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NOTE: BREAKFORMED SPLICE FOR 2 ½" AND 4" PANEL EXTRUSIONS

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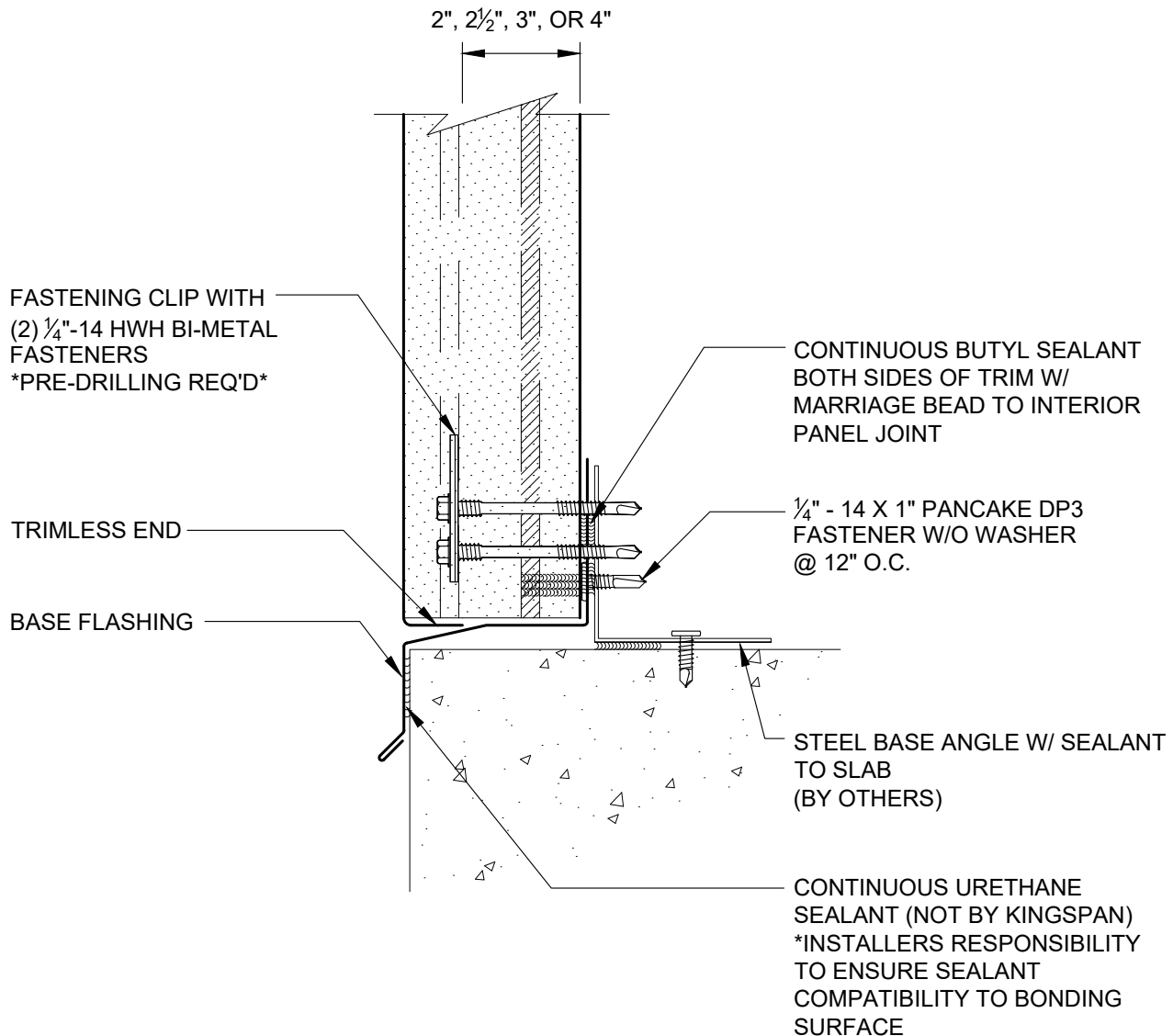
BASE DETAIL -
OVERHANG -
EXTRUSION

DETAIL #: AR-BS-02-DW4V
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BASE DETAIL - FLUSH -
TRIM

DETAIL #: AR-BS-03-DW4V

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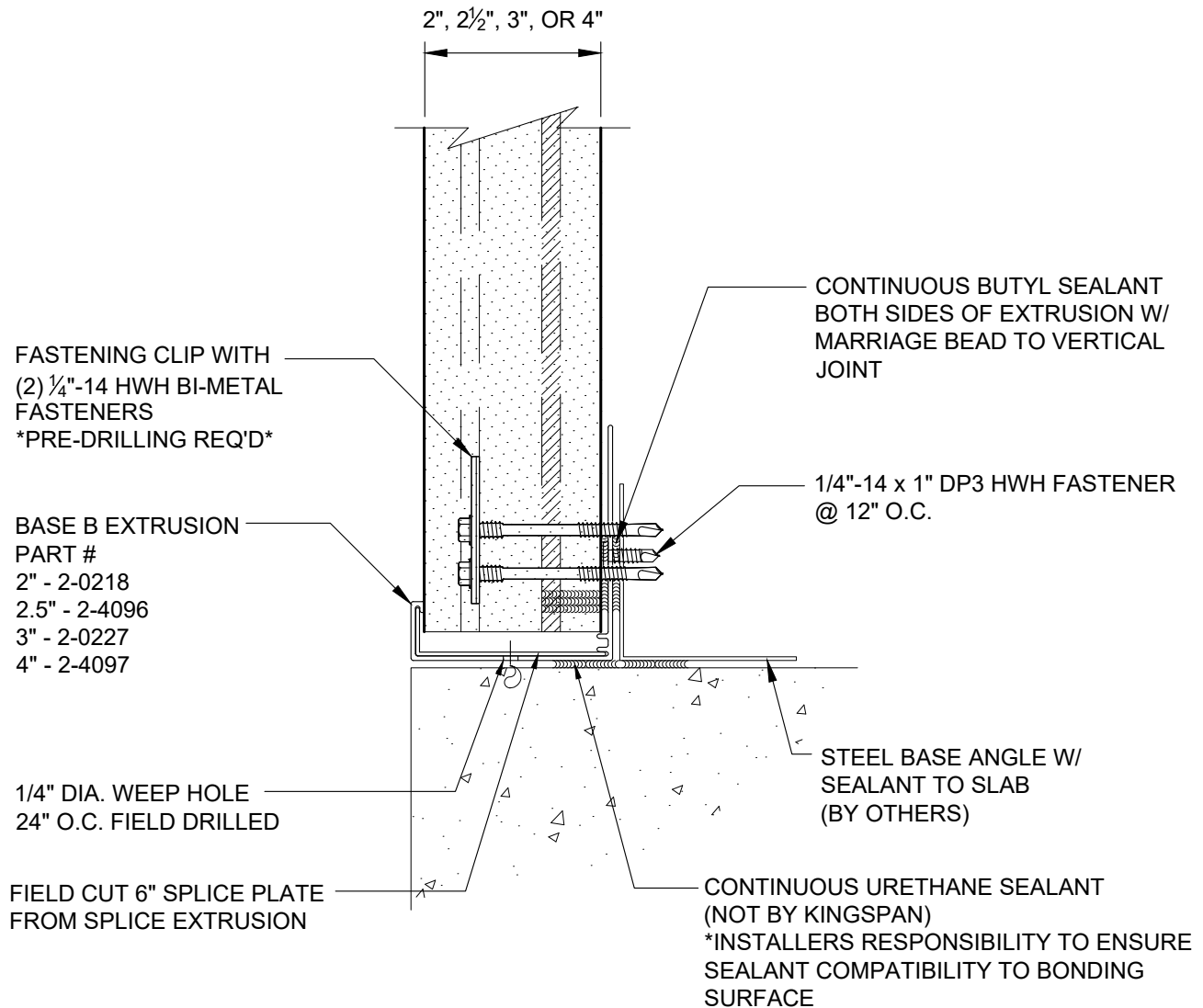
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DW-4000 - VERTICAL INSTALLATION



NOTE: BREAKFORMED SPLICE FOR 2 ½" AND 4" PANEL EXTRUSIONS

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BASE DETAIL - FLUSH -
EXTRUSION

DETAIL #: AR-BS-04-DW4V

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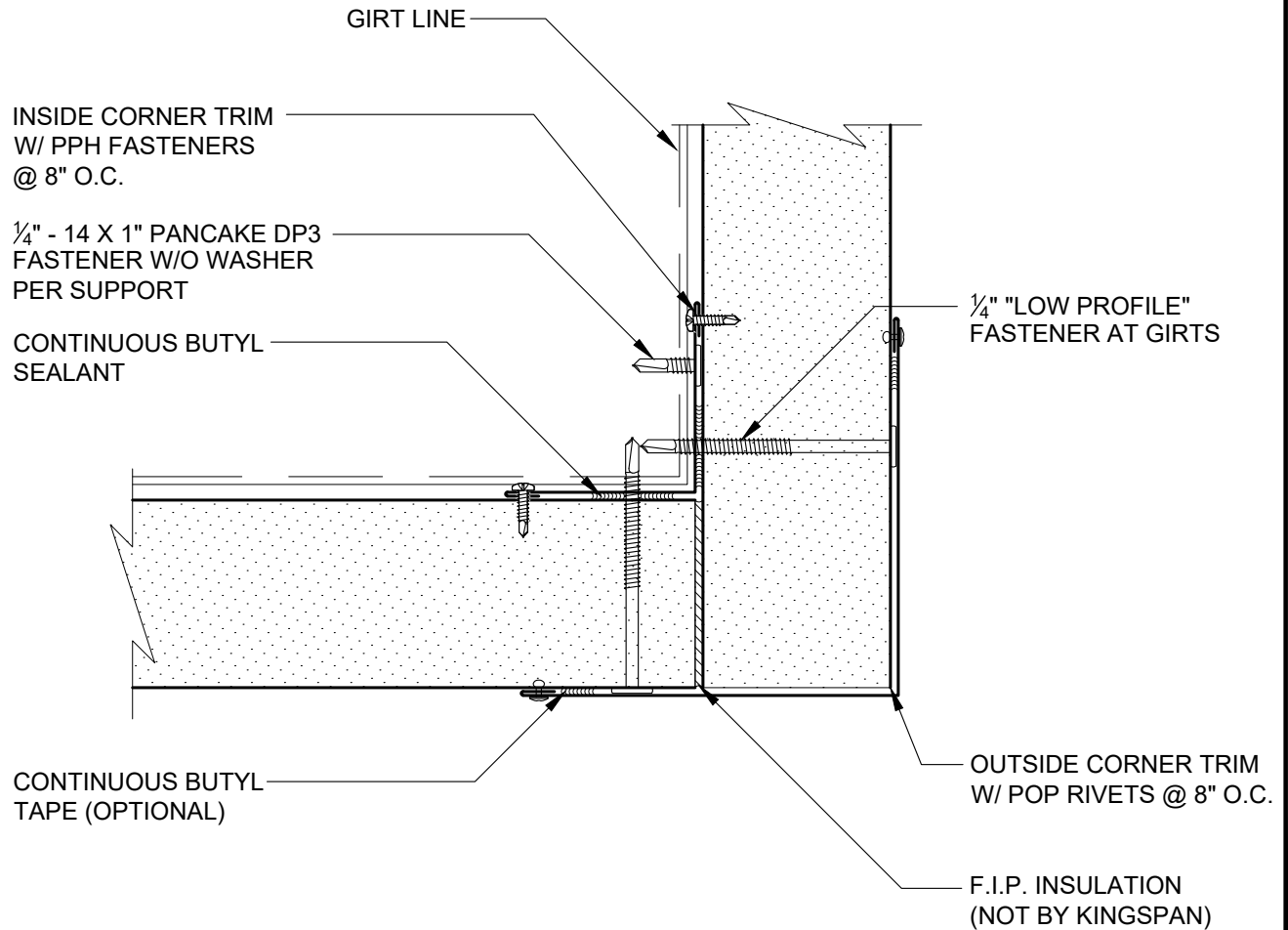
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OUTSIDE CORNER W/
TRIM

DETAIL #: AR-OC-01-DW4V

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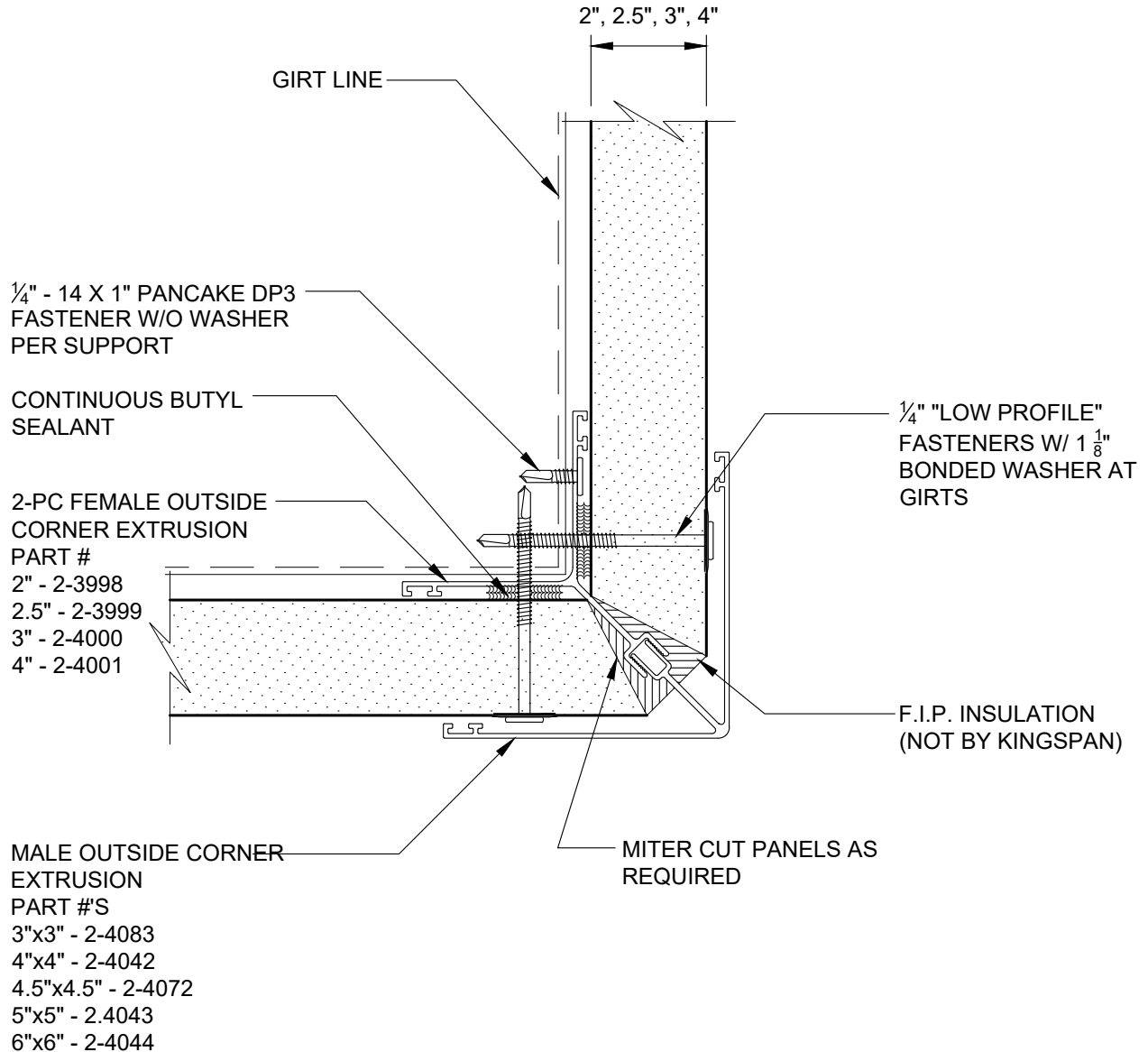
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OUTSIDE CORNER W/
EXTRUSION

DETAIL #: AR-OC-02-DW4V

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DW-4000 - VERTICAL INSTALLATION

1/4" "LOW PROFILE"
FASTENERS W/ 1 1/8"
BONDED WASHER AT
GIRTS

1/4" - 14 X 1" PANCAKE DP3
FASTENER W/O WASHER
PER SUPPORT

CONTINUOUS BUTYL
SEALANT

INSIDE CORNER TRIM
W/ PPH FASTENERS
@ 8" O.C.

GIRT LINE

2", 2 1/2", 3", OR 4"

CONTINUOUS BUTYL
SEALANT

OUTSIDE CORNER TRIM
W/ POP RIVETS @ 8" O.C.

F.I.P. INSULATION ALL VOIDS
(NOT BY KINGSPAN)

CONTINUOUS BUTYL TAPE
(OPTIONAL)

2", 2 1/2", 3", OR 4"

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INSIDE CORNER WITH
TRIM

DETAIL #: AR-IC-01-DW4V

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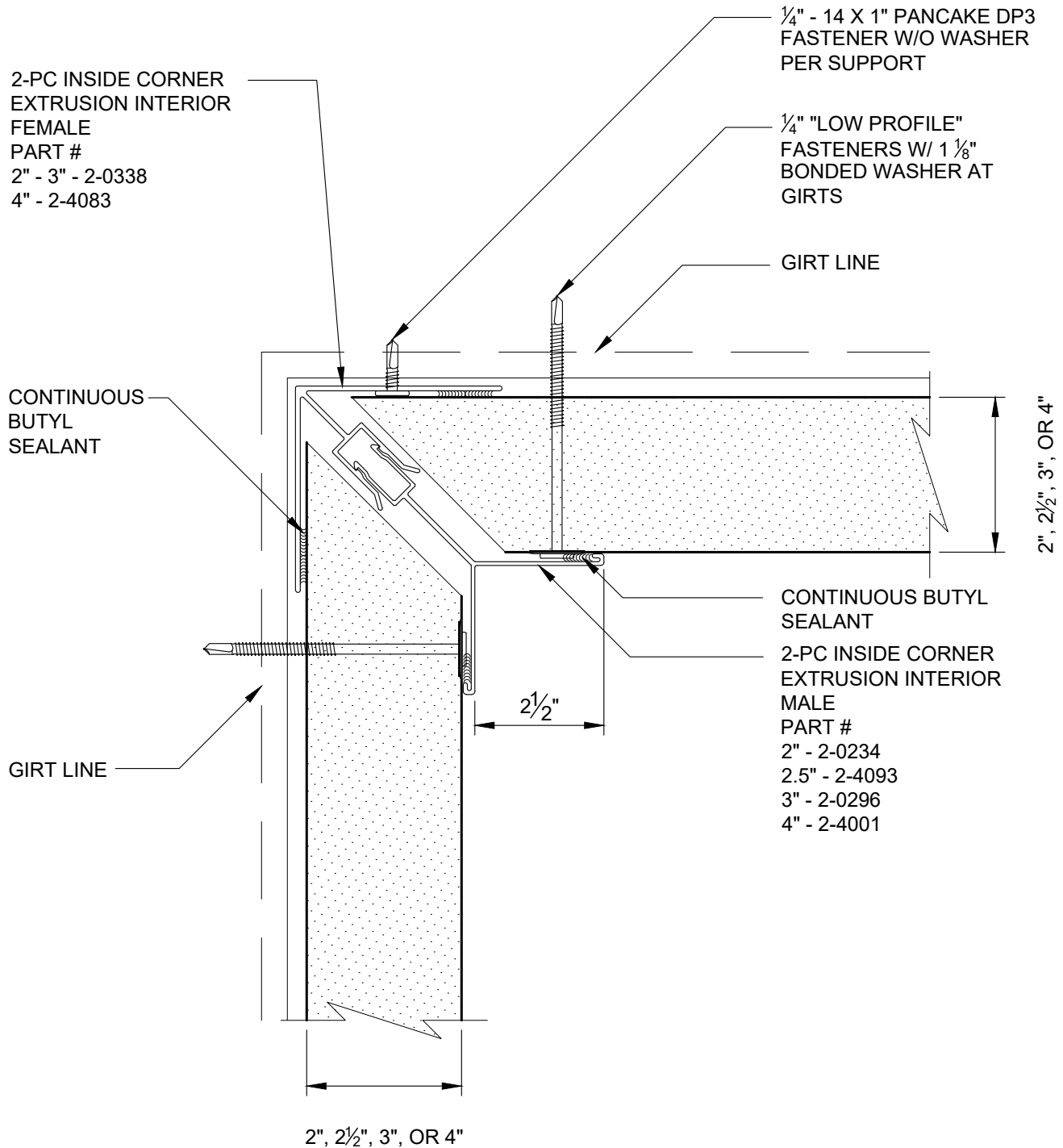
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INSIDE CORNER WITH
EXTRUSION

DETAIL #: AR-IC-02-DW4V

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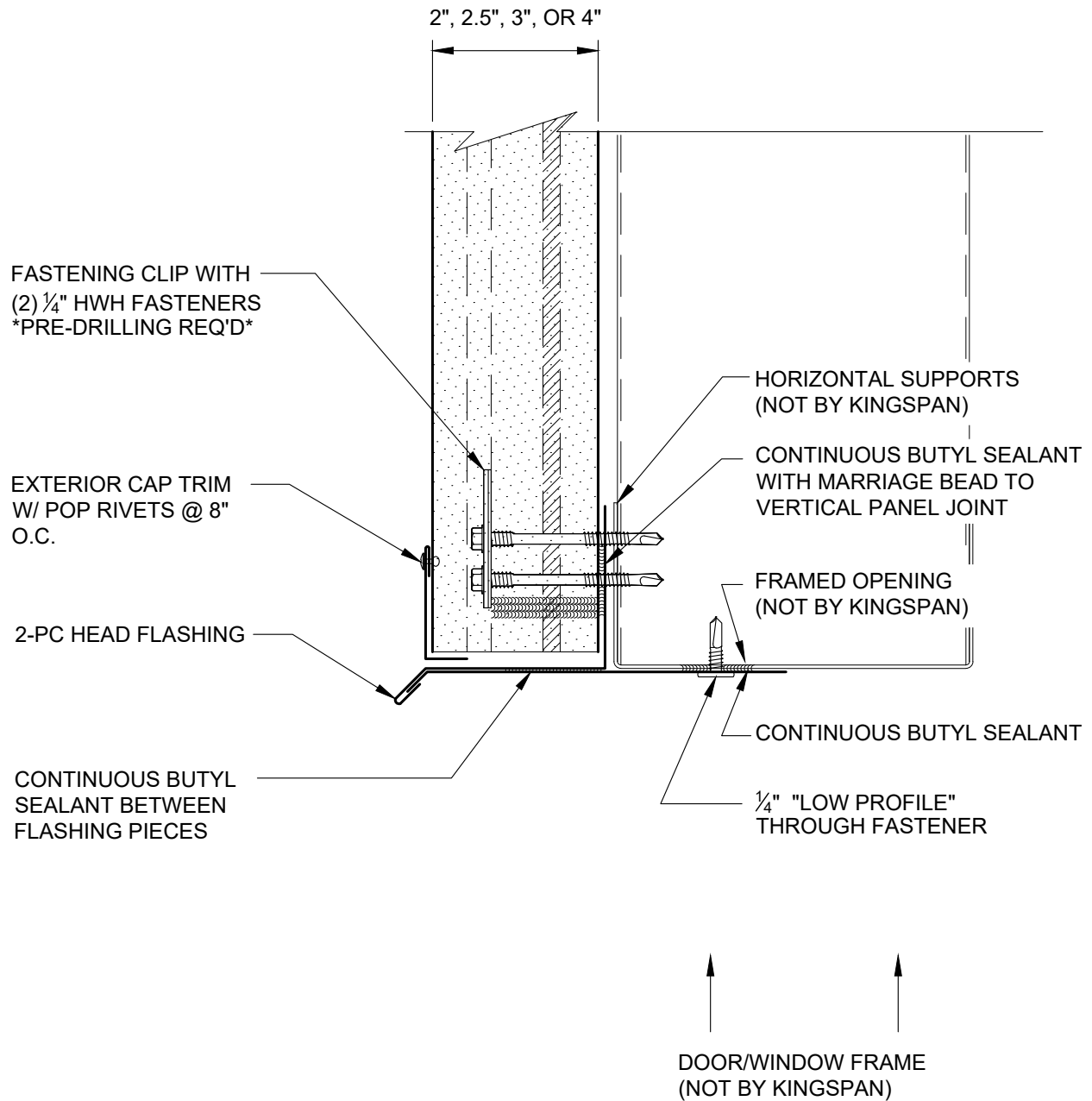
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NOTE: 1) SEE DETAIL AR-TL-07-DW4V, AR-TL-08-DW4V, AR-TL-09-DW4V, AR-TL-10-DW4V
AND AR-TL-16-DW4V FOR TYPICAL TRIM LAP INSTRUCTIONS

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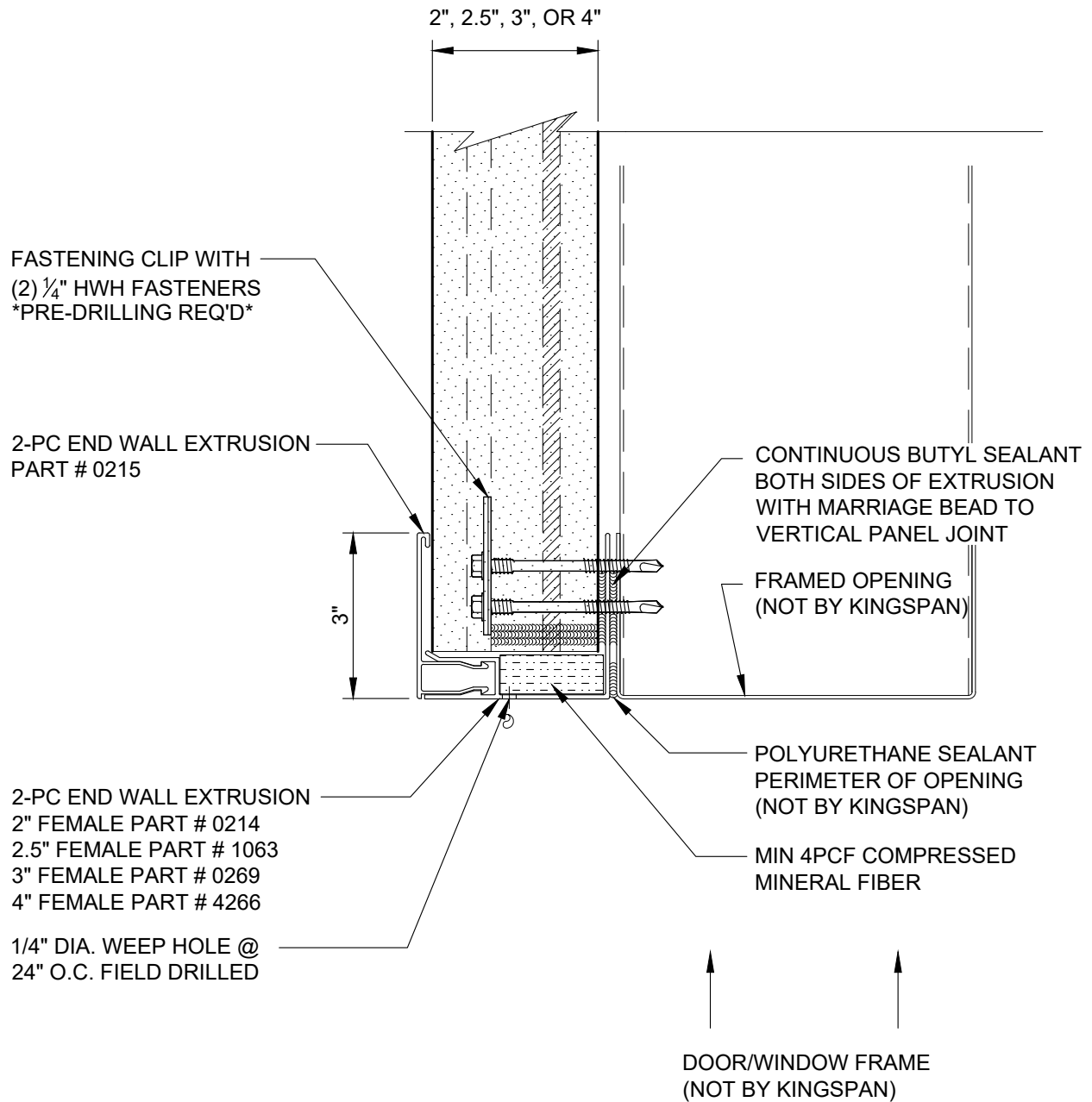
FRAMED OPENING HEAD
W/ DRIP EDGE TRIM

DETAIL #: AR-FO-01-DW4V
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DW-4000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW4V, AR-TL-08-DW4V, AR-TL-09-DW4V, AR-TL-10-DW4V
AND AR-TL-16-DW4V FOR TYPICAL TRIM LAP INSTRUCTIONS

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FRAMED OPENING HEAD
W/ EXTRUSION

DETAIL #: AR-FO-02-DW4V

RELEASE: 2024

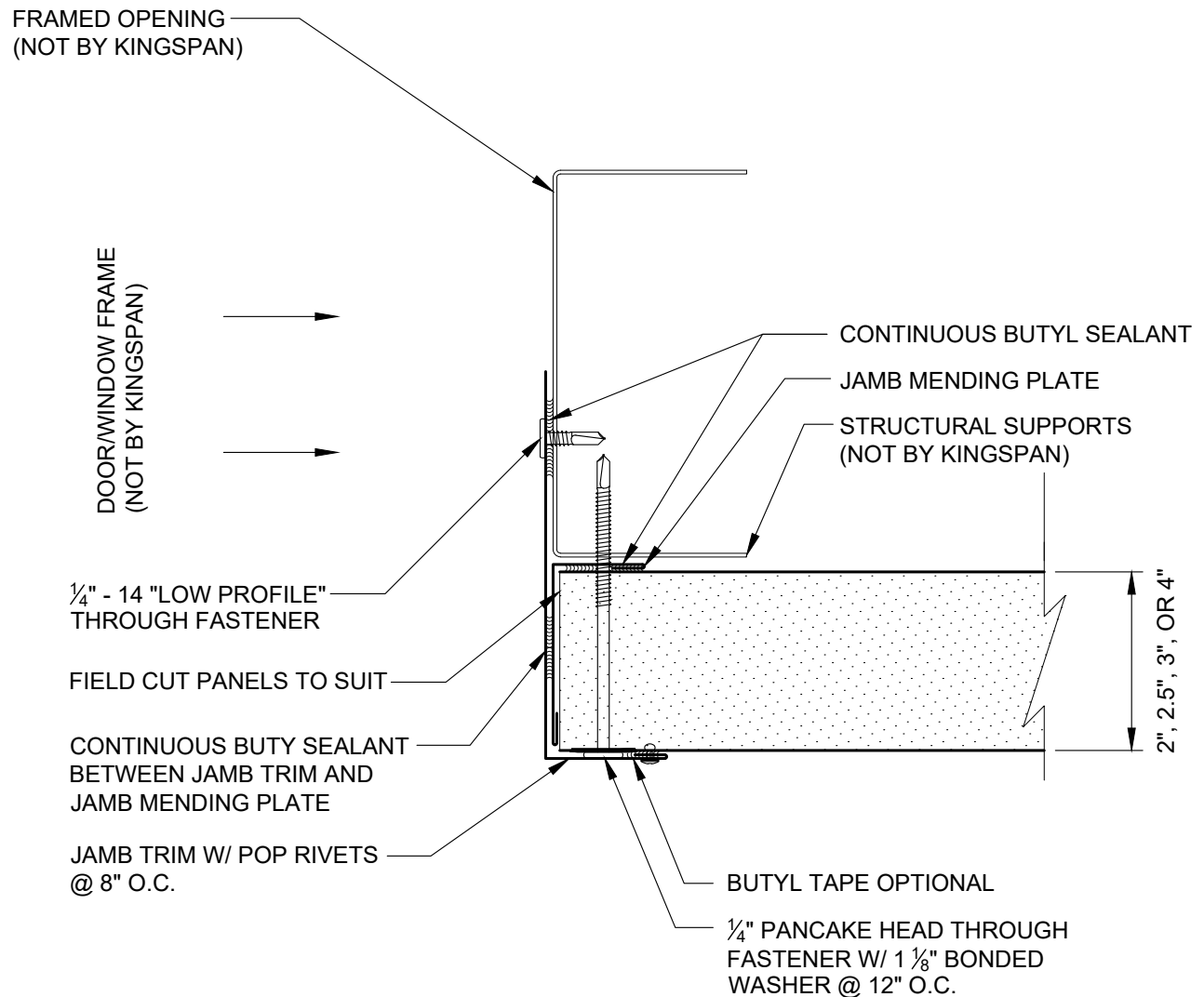
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DW-4000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW4V, AR-TL-08-DW4V, AR-TL-09-DW4V, AR-TL-10-DW4V
AND AR-TL-16-DW4V FOR TYPICAL TRIM LAP INSTRUCTIONS

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FRAMED OPENING JAMB
WITH TRIM

DETAIL #: AR-FO-03-DW4V

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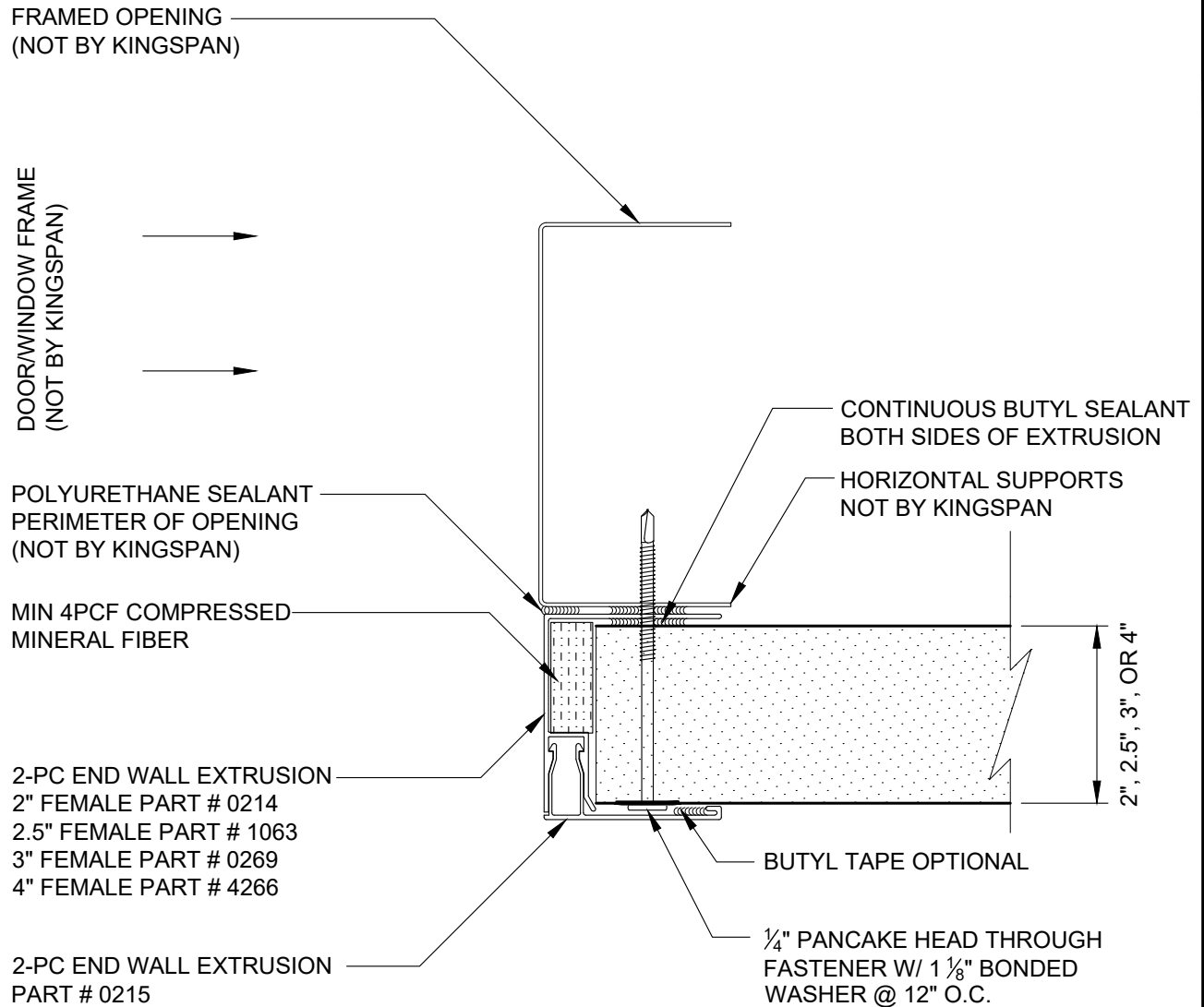
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DW-4000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW4V, AR-TL-08-DW4V, AR-TL-09-DW4V, AR-TL-10-DW4V
AND AR-TL-16-DW4V FOR TYPICAL TRIM LAP INSTRUCTIONS

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FRAMED OPENING JAMB
WITH EXTRUSION

DETAIL #: AR-FO-04-DW4V

RELEASE: 2024

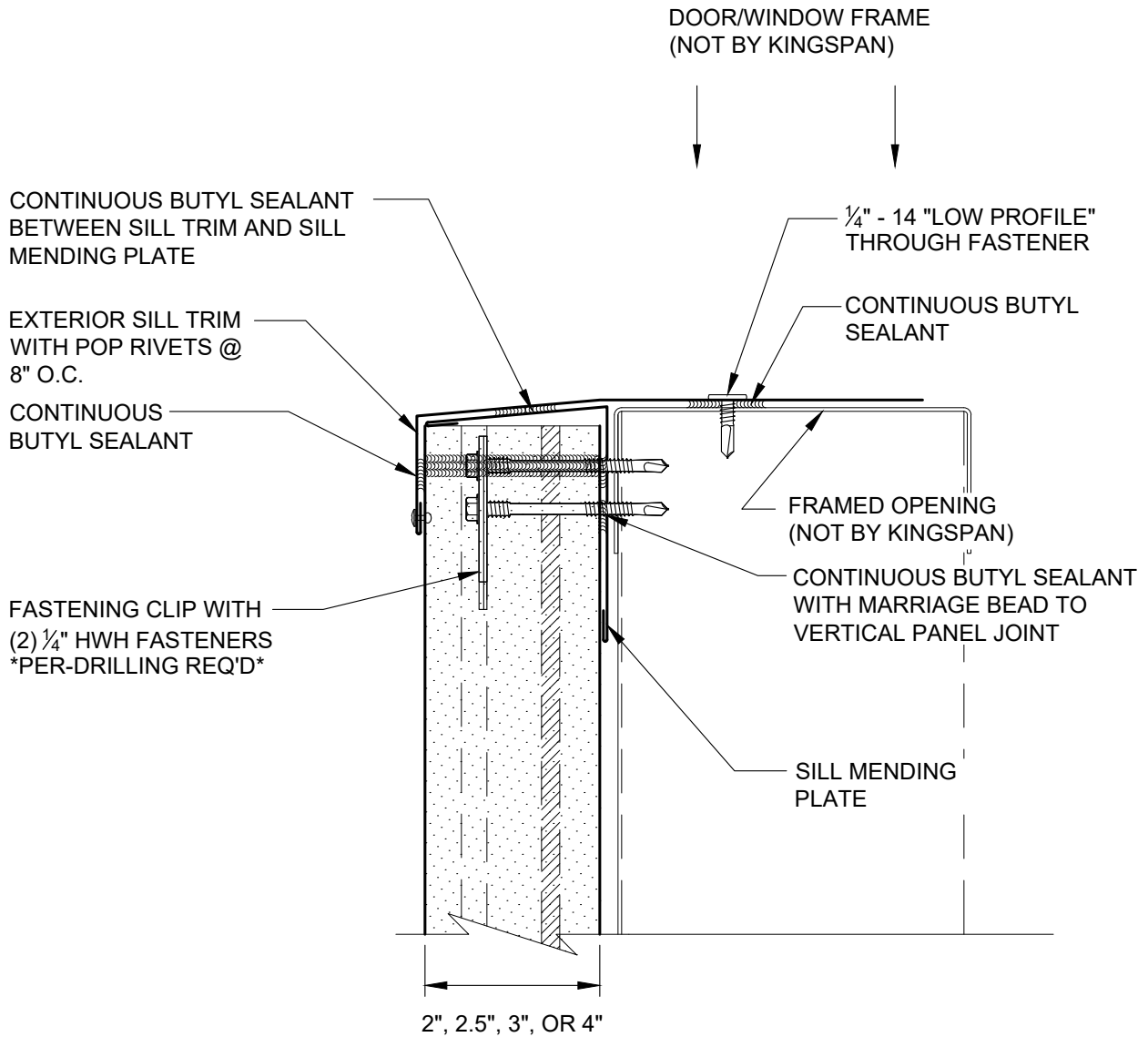
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW4V, AR-TL-08-DW4V, AR-TL-09-DW4V, AR-TL-10-DW4V
AND AR-TL-16-DW4V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
1	12/15/23

FRAMED OPENING SILL
WITH TRIM

DETAIL #: AR-FO-05-DW4V

RELEASE: 2024

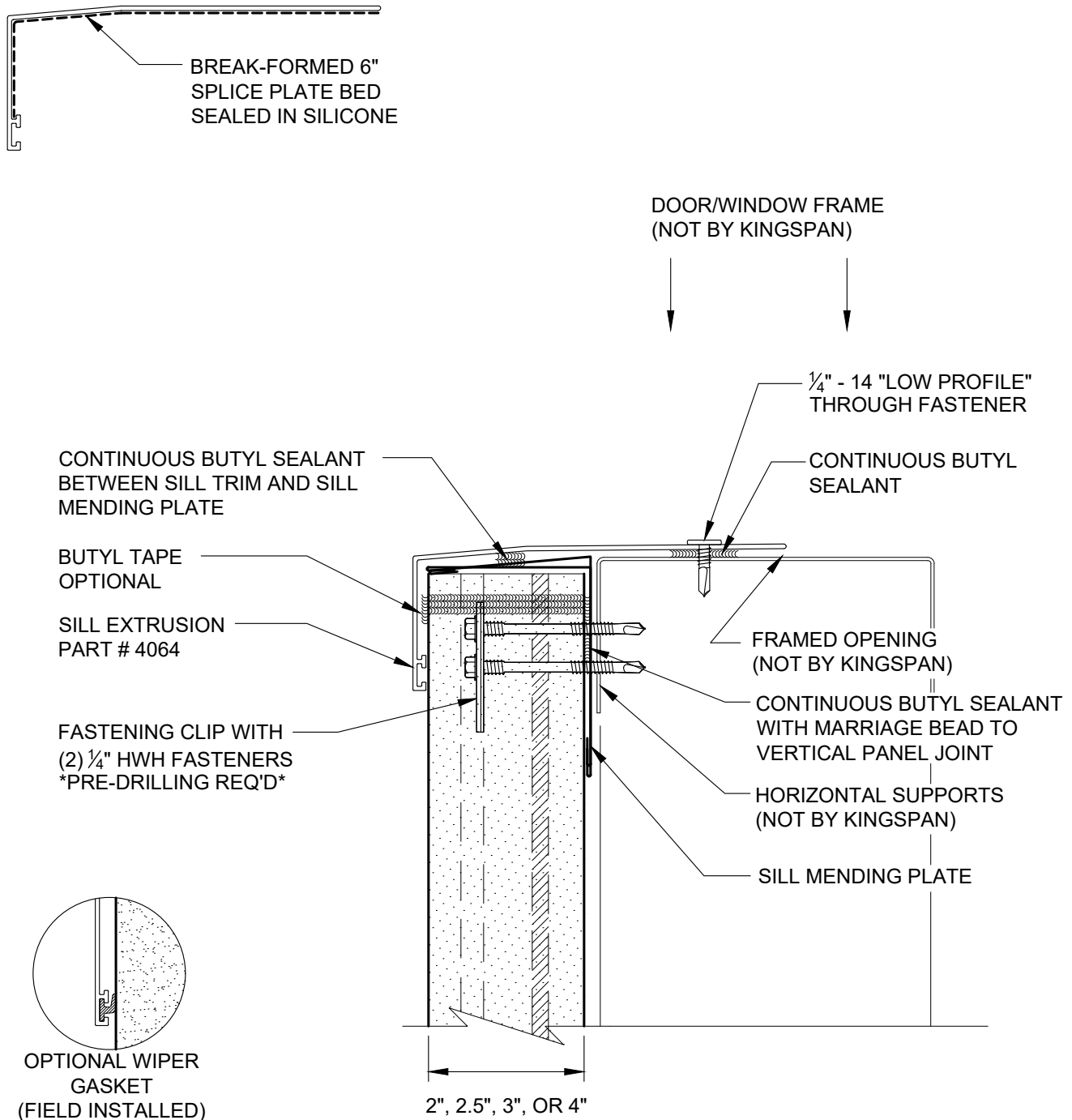
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



NOTE: 1) SEE DETAIL AR-TL-07-DW4V, AR-TL-08-DW4V, AR-TL-09-DW4V, AR-TL-10-DW4V AND AR-TL-16-DW4V FOR TYPICAL TRIM LAP INSTRUCTIONS

REVISION	
REVISION #	DATE
1	12/15/23

FRAMED OPENING SILL
WITH EXTRUSION

DETAIL #: AR-FO-06-DW4V

RELEASE: 2024

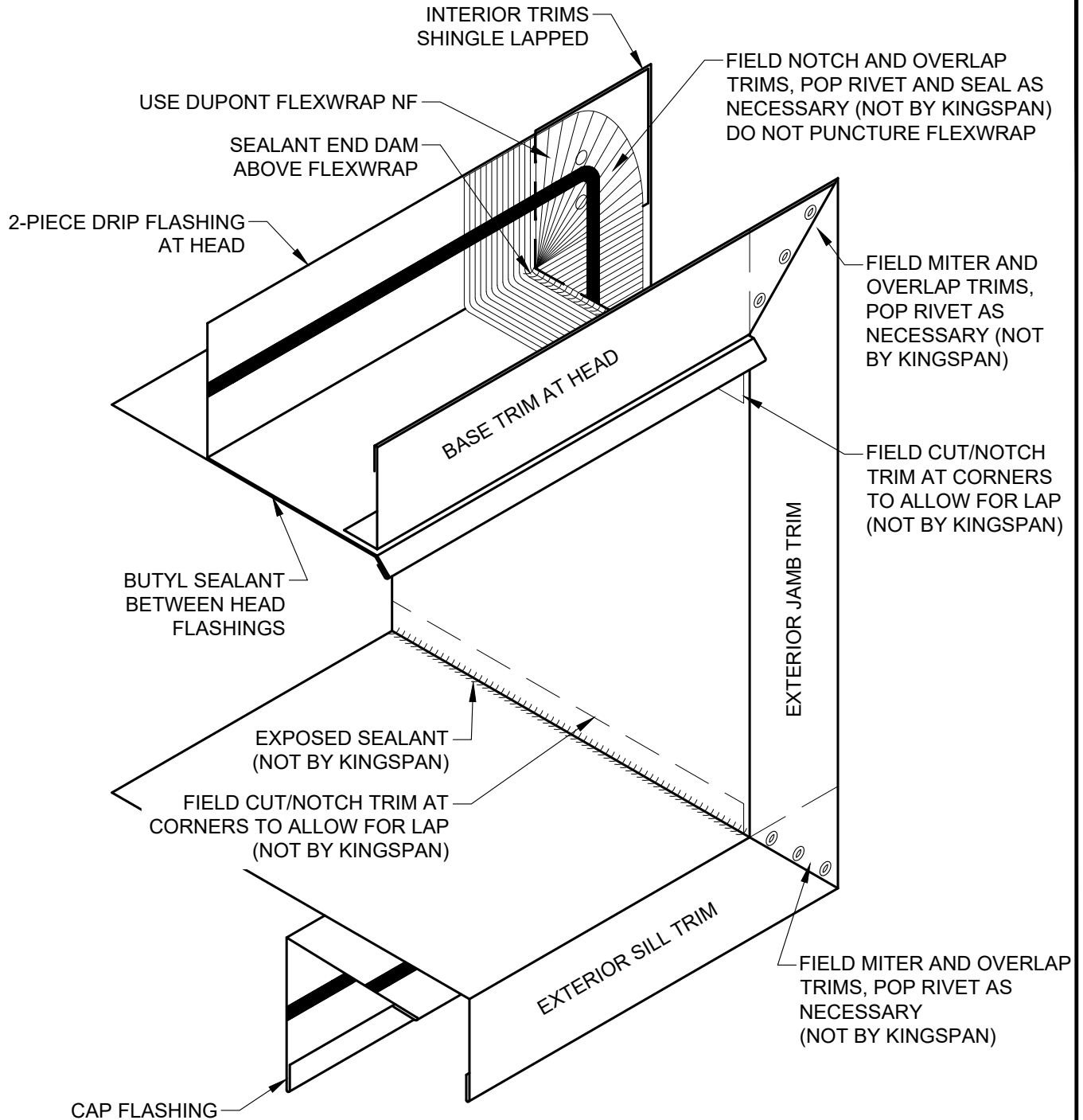
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



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REVISION #	DATE
1	12/15/23

TRIM ASSEMBLY AT
FRAMED OPENING

DETAIL #: AR-FO-07-DW4V

RELEASE: 2024

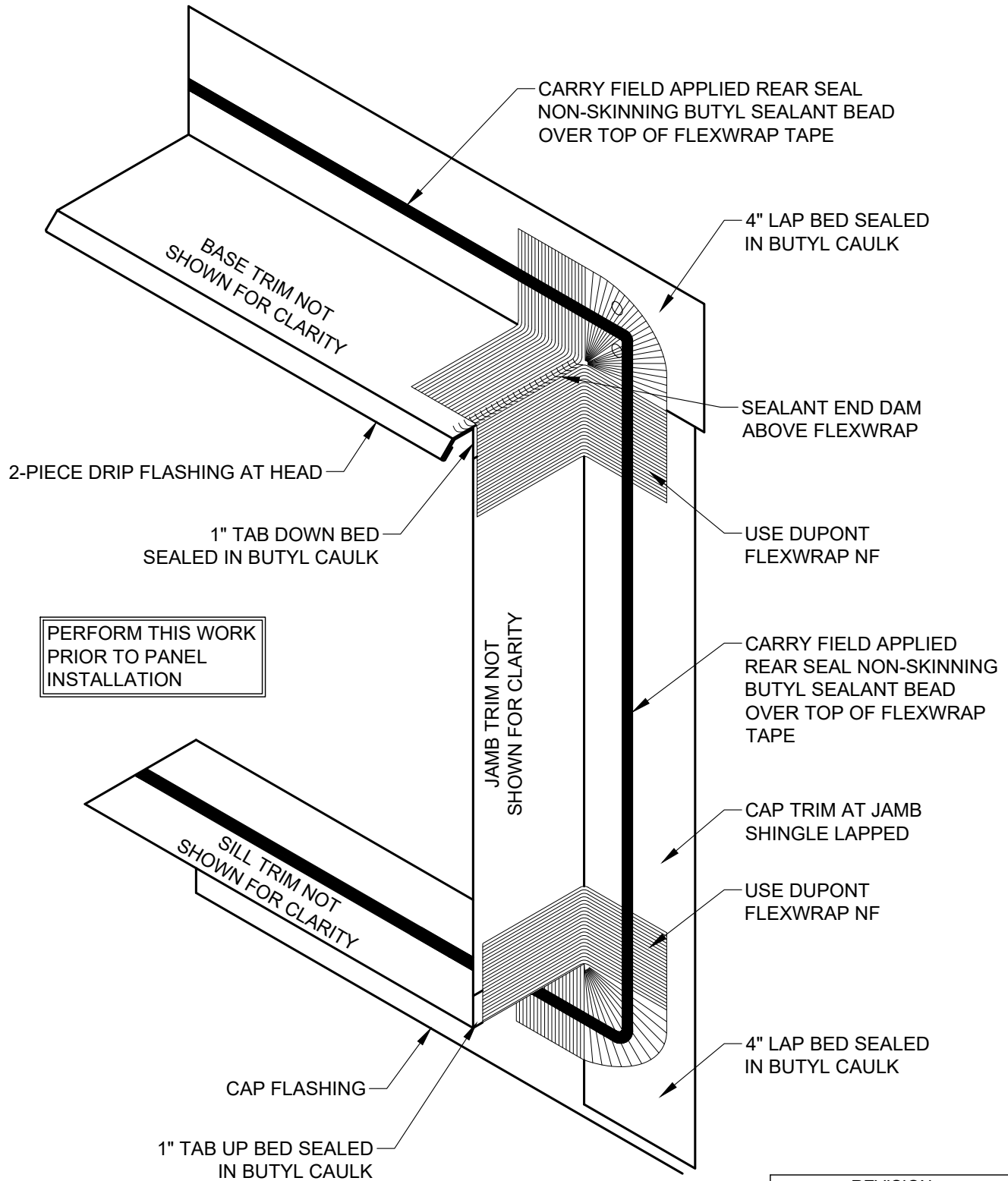
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

TRIM ASSEMBLY AT
FRAMED OPENING

DETAIL #: AR-FO-08-DW4V

RELEASE: 2024

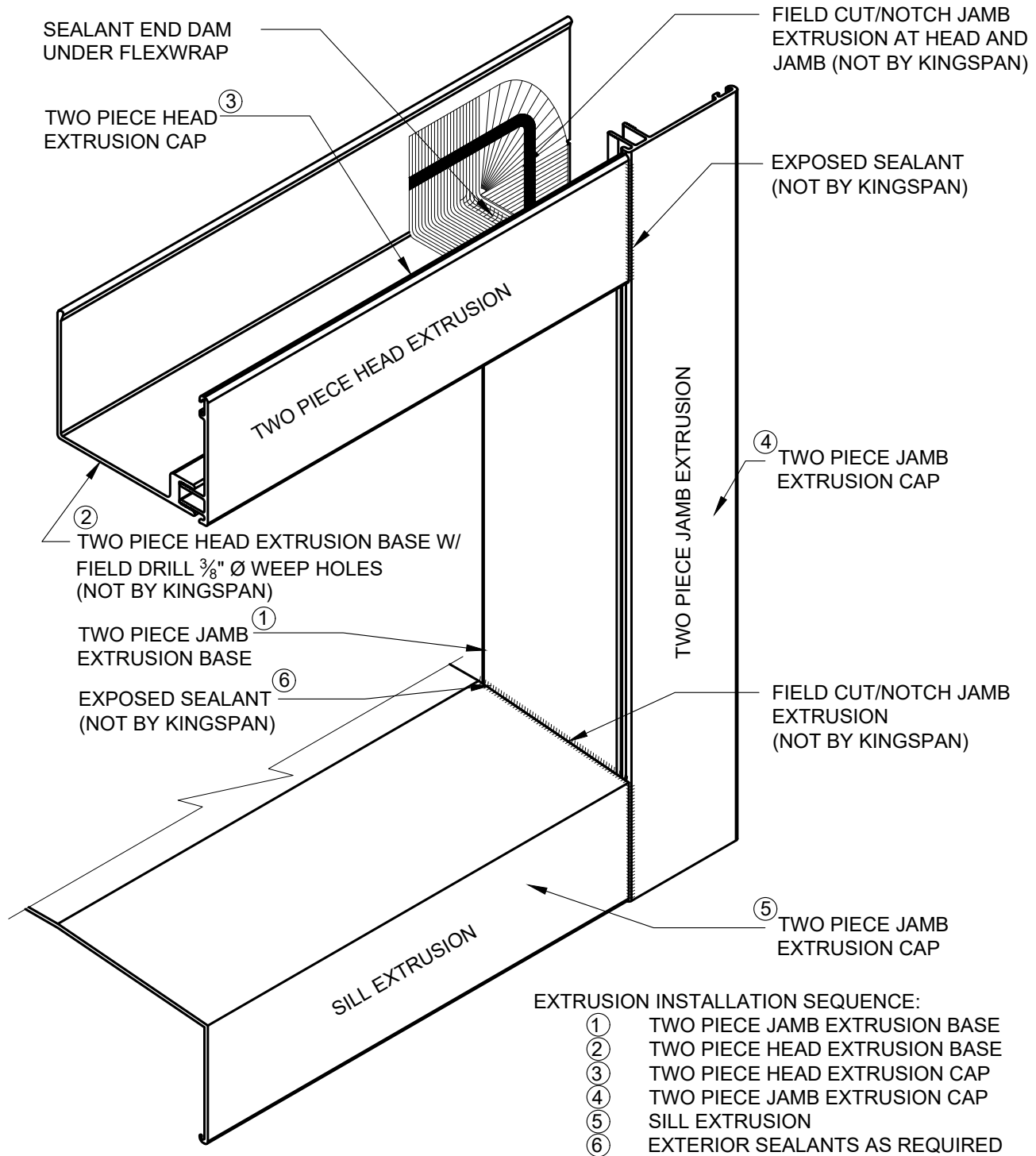
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REVISION	
REVISION #	DATE
1	12/15/23

EXTRUSION ASSEMBLY
AT FRAMED OPENING

DETAIL #: AR-FO-09-DW4V

RELEASE: 2024

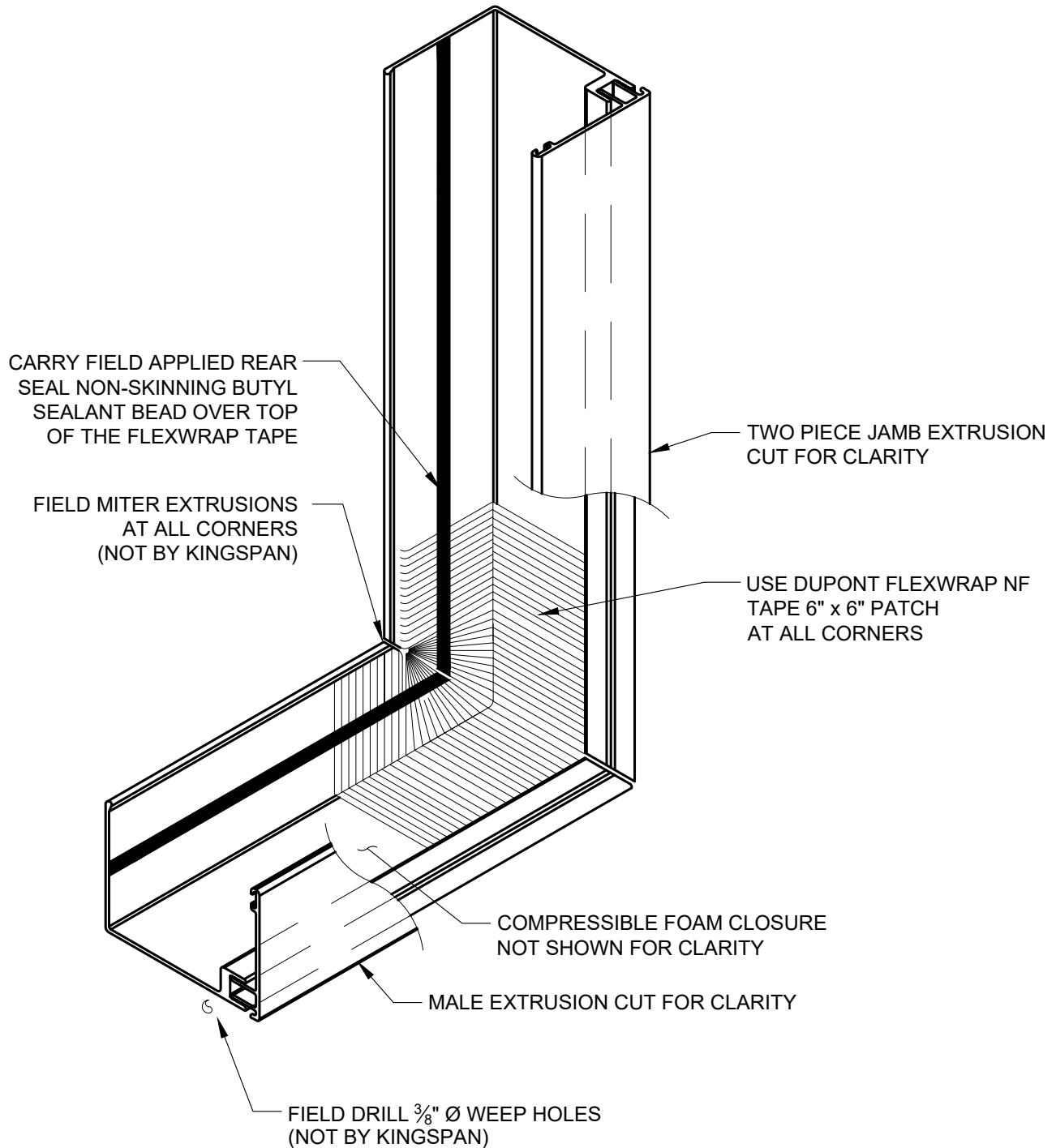
REGION: NORTH AMERICA

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REVISION #	DATE
1	12/15/23

EXTRUSION ASSEMBLY
AT FRAMED OPENING

DETAIL #: AR-FO-10-DW4V

RELEASE: 2024

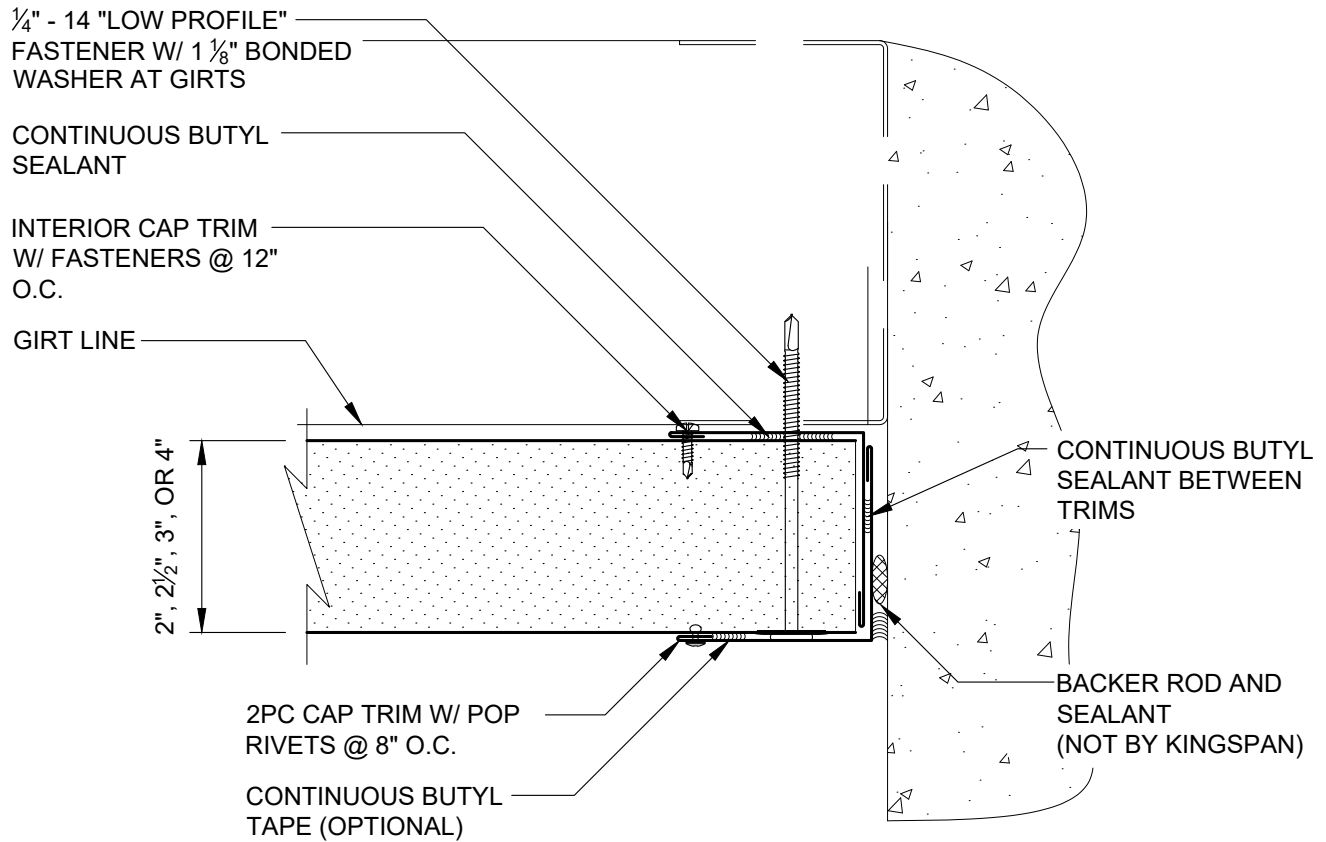
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

PANEL TERMINATION
TRIM

DETAIL #: AR-EW-01-DW4V

RELEASE: 2024

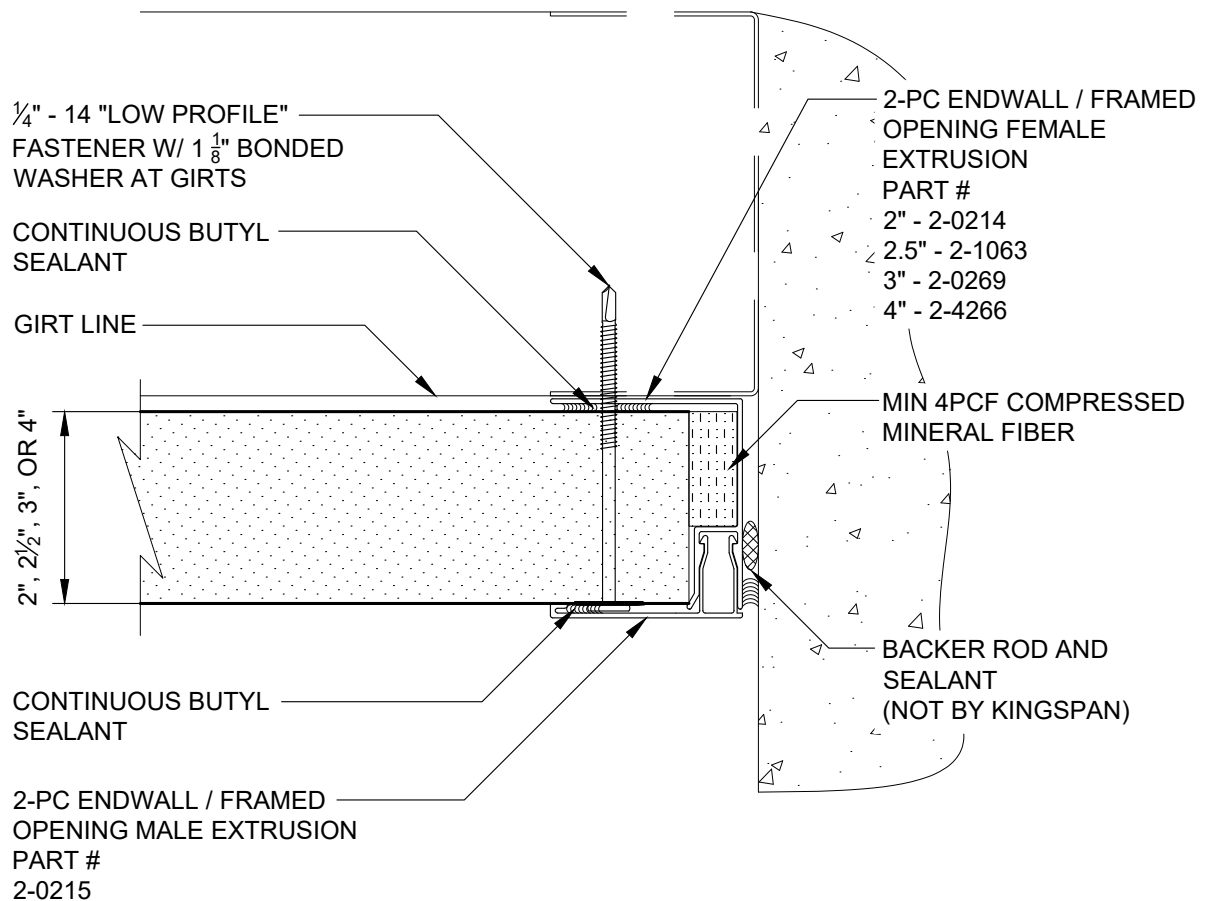
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

PANEL TERMINATION
EXTRUSION

DETAIL #: AR-EW-02-DW4V

RELEASE: 2024

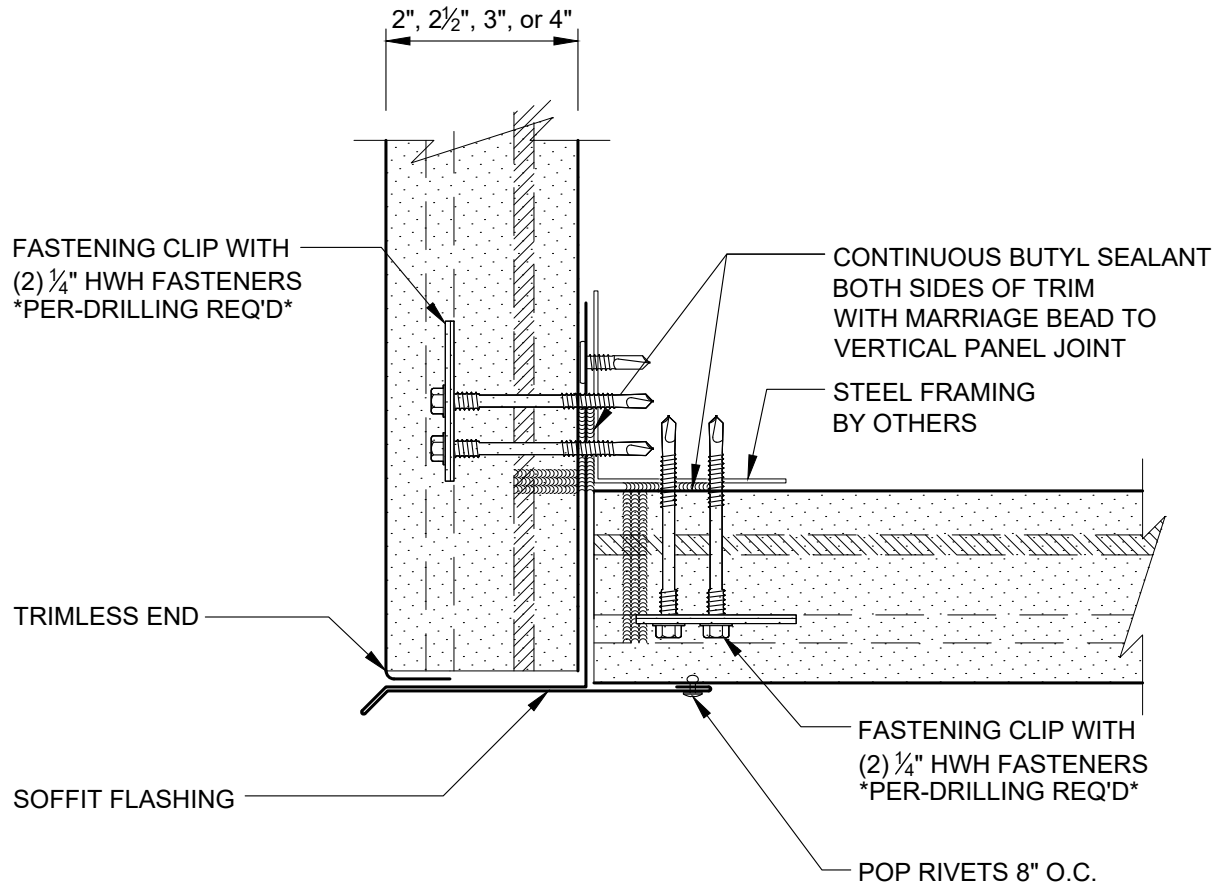
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REVISION	
REVISION #	DATE
1	12/15/23

SOFFIT W/ FLASHING

DETAIL #: AR-SF-01-DW4V

RELEASE: 2024

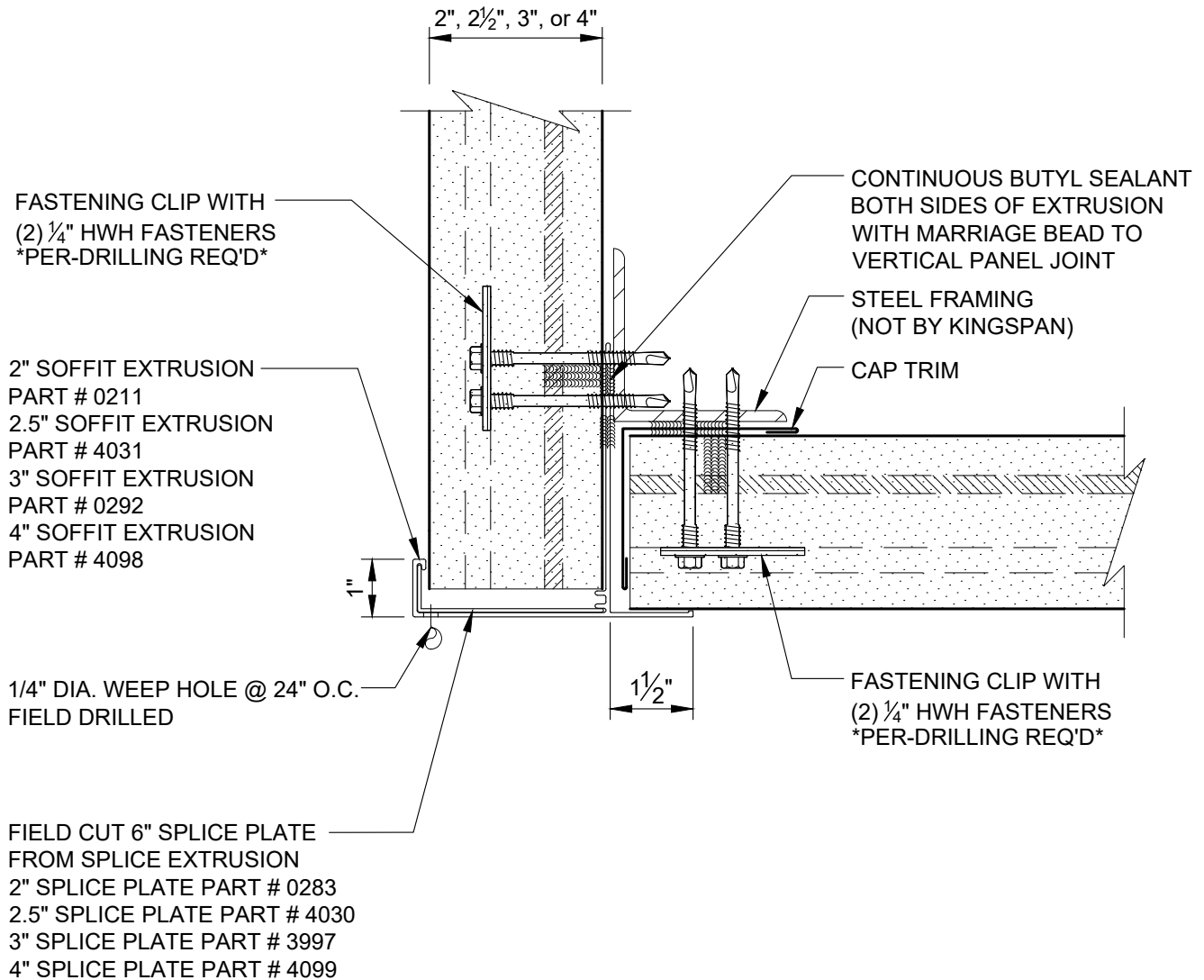
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

SOFFIT W/ EXTRUSION

DETAIL #: AR-SF-02-DW4V

RELEASE: 2024

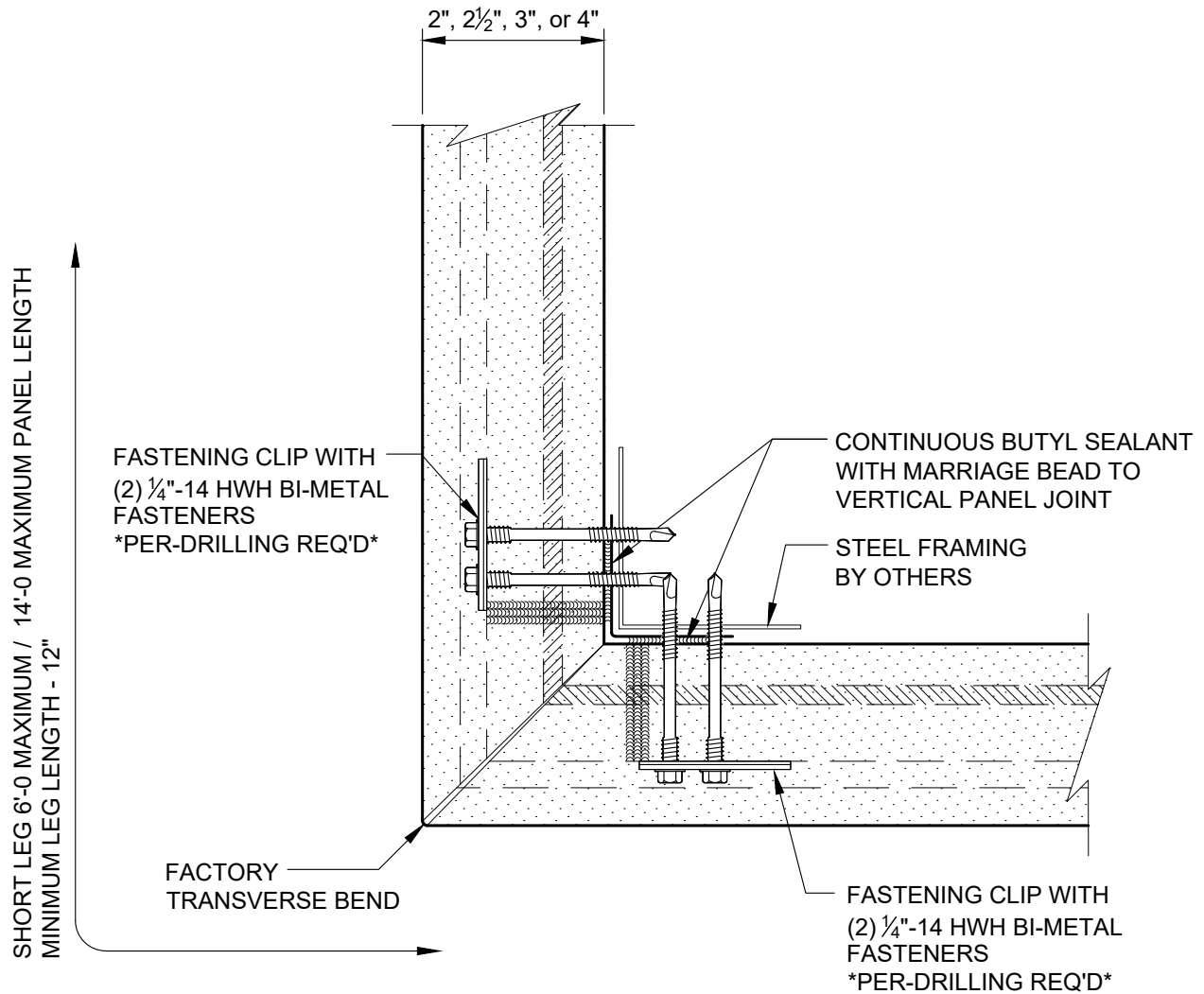
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
1	12/15/23

TRANSVERSE BEND
SOFFIT

DETAIL #: AR-SF-03-DW4V

RELEASE: 2024

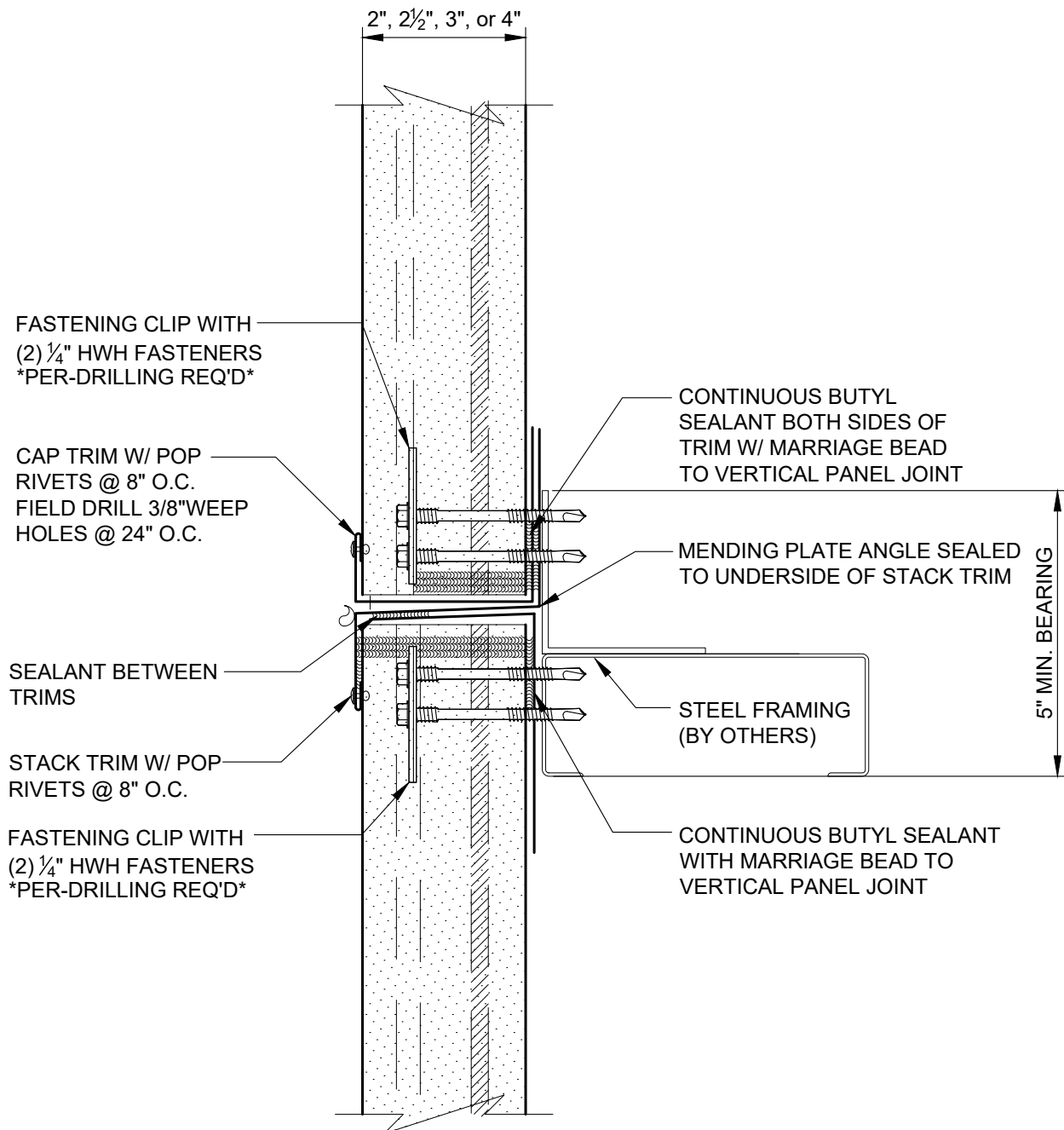
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

STACK JOINT W/ TRIM

DETAIL #: AR-SJ-01-DW4V

RELEASE: 2024

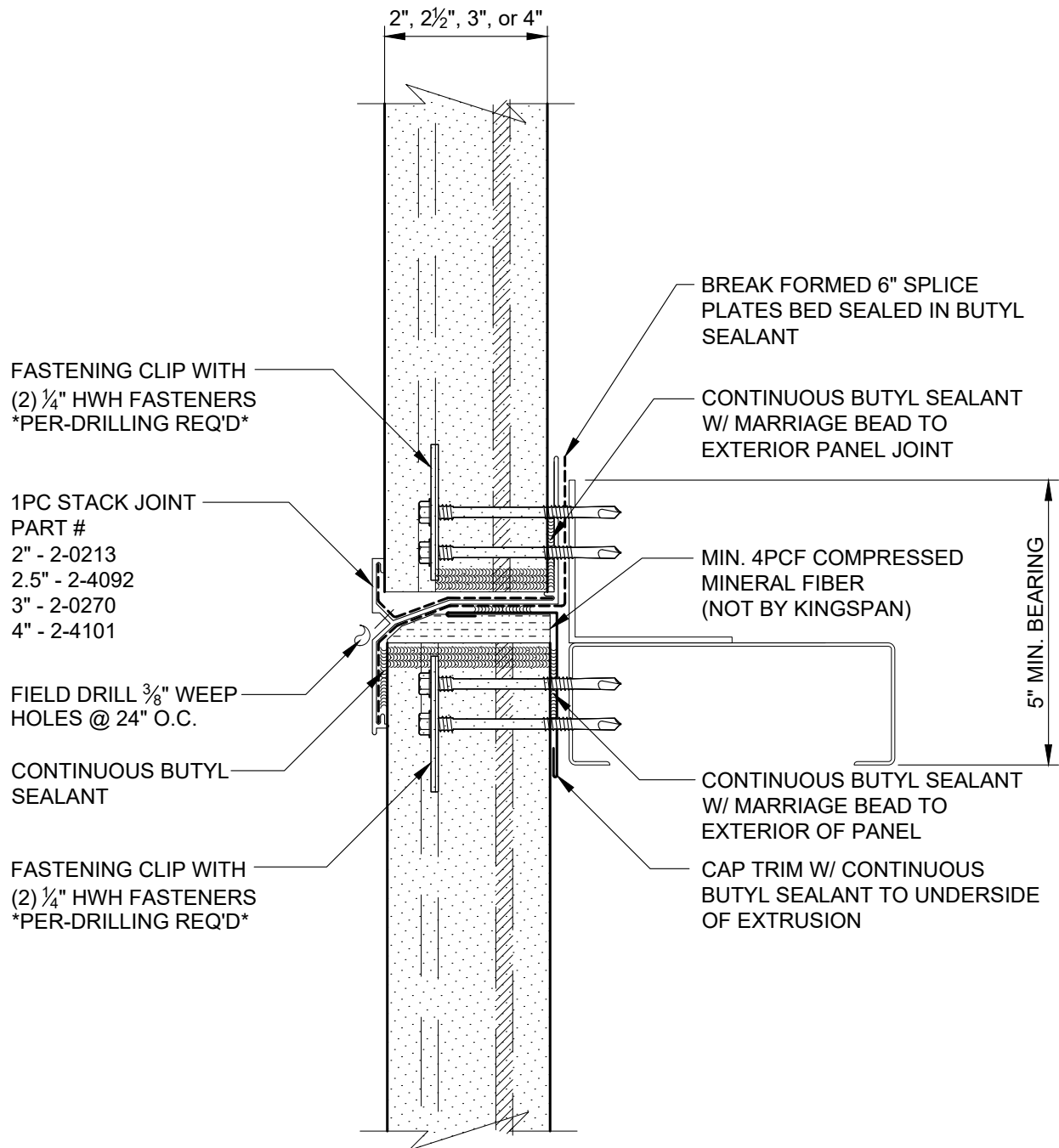
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

STACK JOINT W/
1-PIECE EXTRUSION

DETAIL #: AR-SJ-02-DW4V

RELEASE: 2024

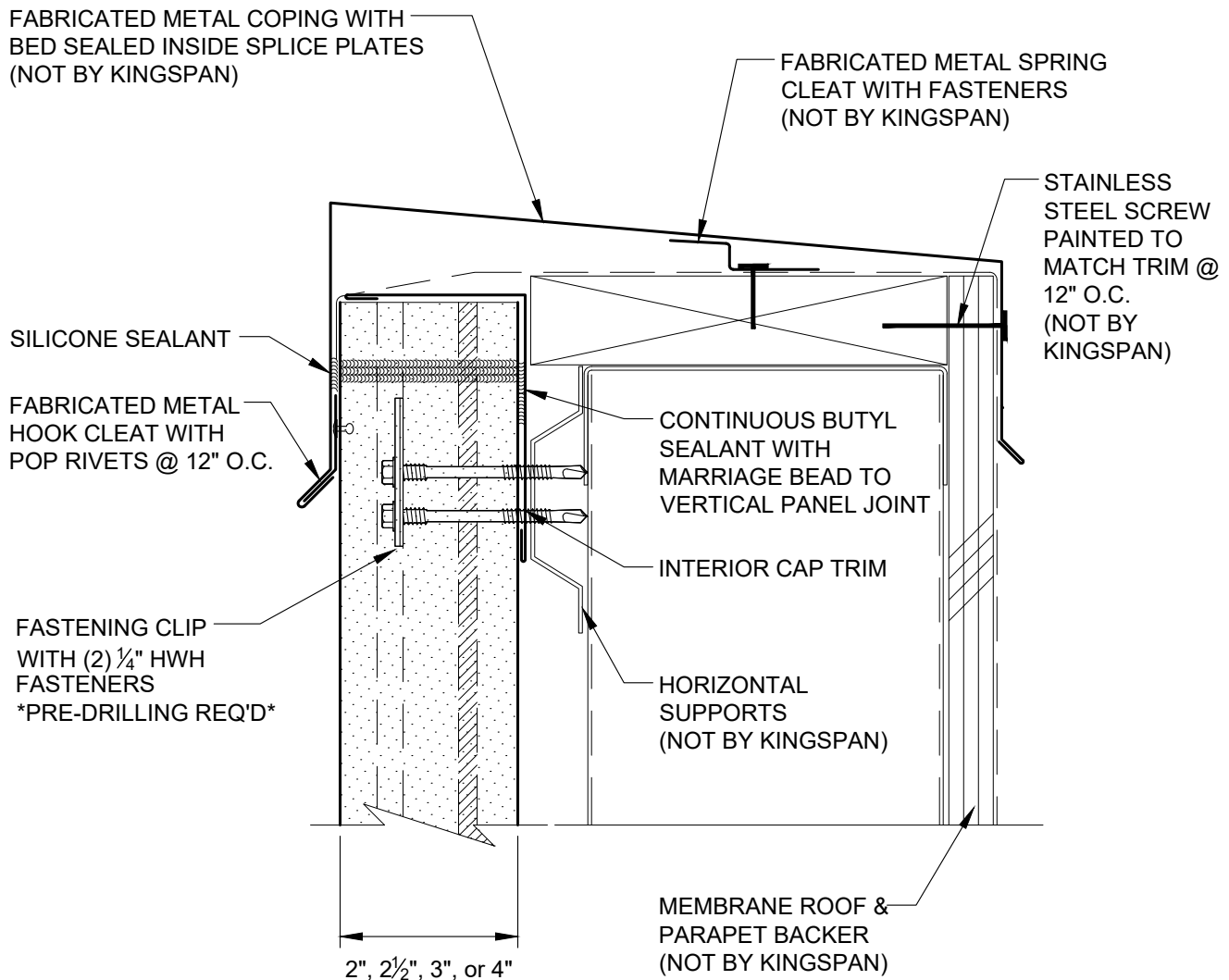
REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION



REVISION	
REVISION #	DATE
1	12/15/23

PARAPET W/ FLUSH
TRIM

DETAIL #: AR-PR-01-DW4V

RELEASE: 2024

REGION: NORTH AMERICA

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FABRICATED METAL COPING WITH
BED SEALED INSIDE SPLICE PLATES
(NOT BY KINGSPAN)

FABRICATED METAL SPRING CLEAT
(NOT BY KINGSPAN)

STAINLESS
STEEL SCREW
PAINTED TO
MATCH TRIM @
12" O.C.
(NOT BY
KINGSPAN)

SILICONE SEALANT
POP RIVETS 8" O.C.

CONTINUOUS BUTYL
SEALANT WITH
MARRIAGE BEAD TO
VERTICAL PANEL JOINT

INTERIOR CAP TRIM

FASTENING CLIP
WITH (2) 1/4" HWH
FASTENERS
PRE-DRILLING REQ'D

HORIZONTAL
SUPPORTS
(NOT BY KINGSPAN)

2", 2 1/2", 3", or 4"

MEMBRANE ROOF &
PARAPET BACKER
(NOT BY KINGSPAN)

REVISION

REVISION #	DATE
1	12/15/23

PARAPET W/ PROFILED
TRIM

DETAIL #: AR-PR-02-DW4V

RELEASE: 2024

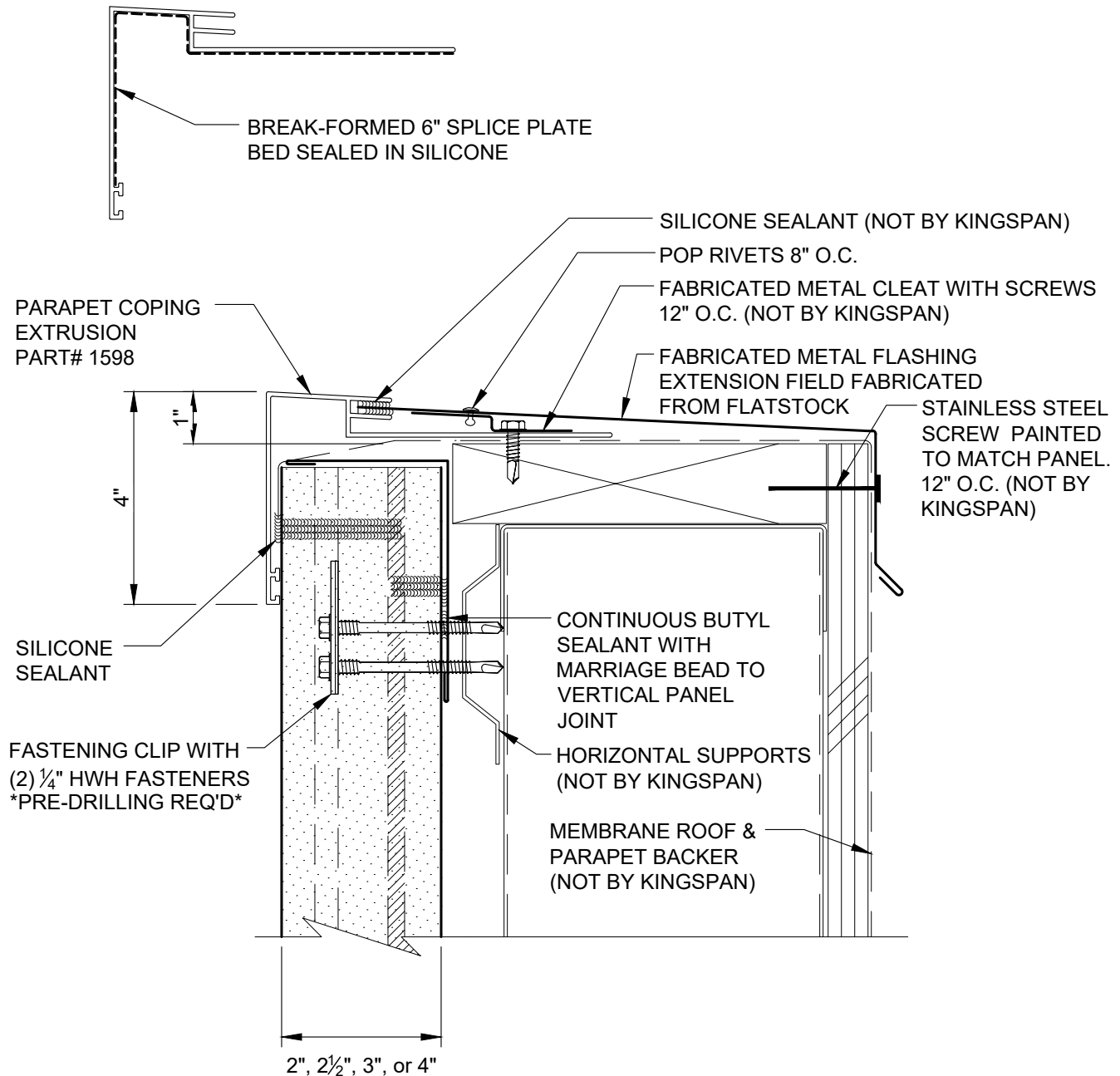
REGION: NORTH AMERICA

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REVISION	
REVISION #	DATE
1	12/15/23

PARAPET W/ EXTRUSION

DETAIL #: AR-PR-03-DW4V

RELEASE: 2024

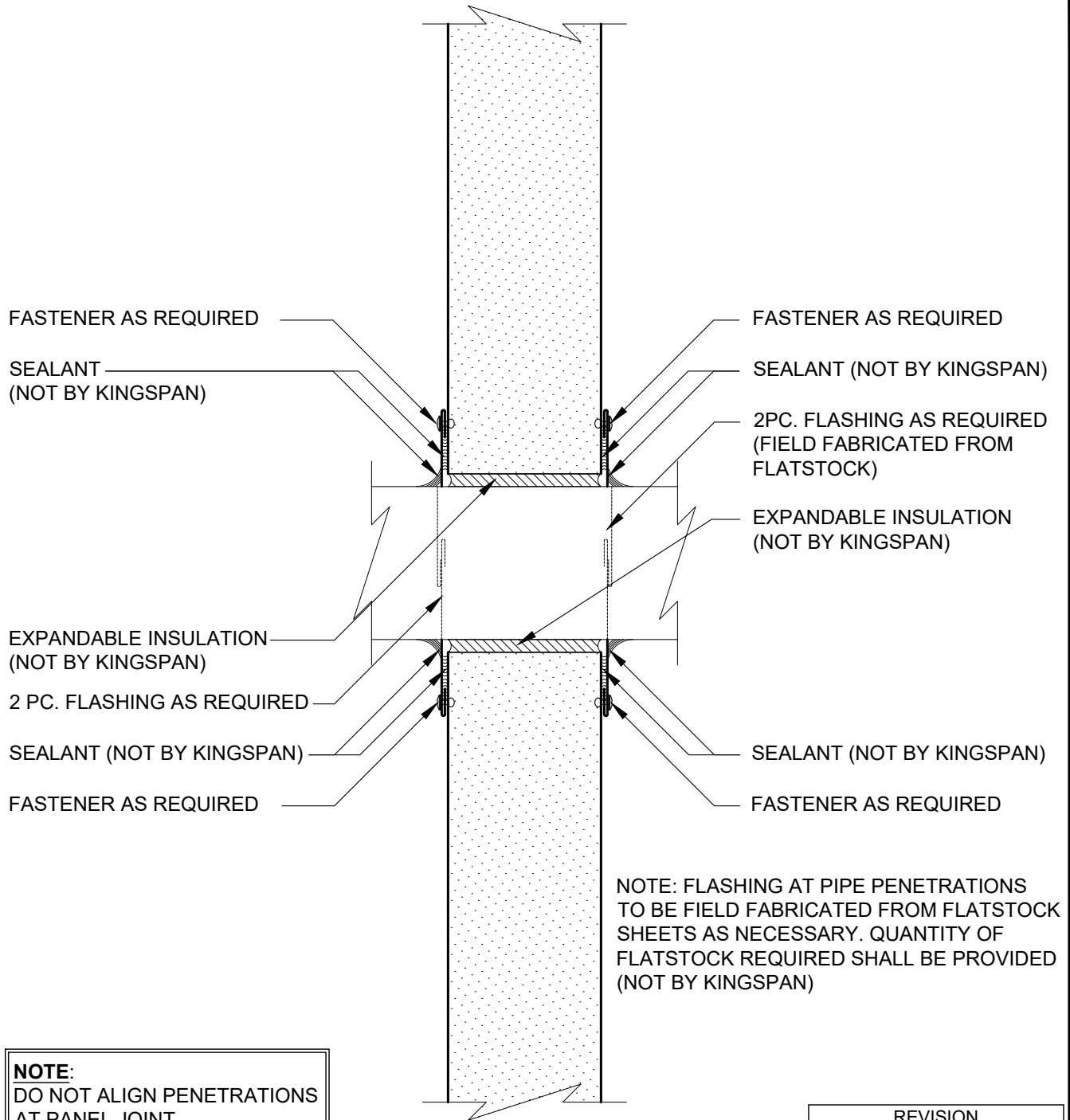
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REVISION #	DATE
1	12/15/23

PIPE PENETRATION SECTION

DETAIL #: AR-PE-01-DW4V

RELEASE: 2024

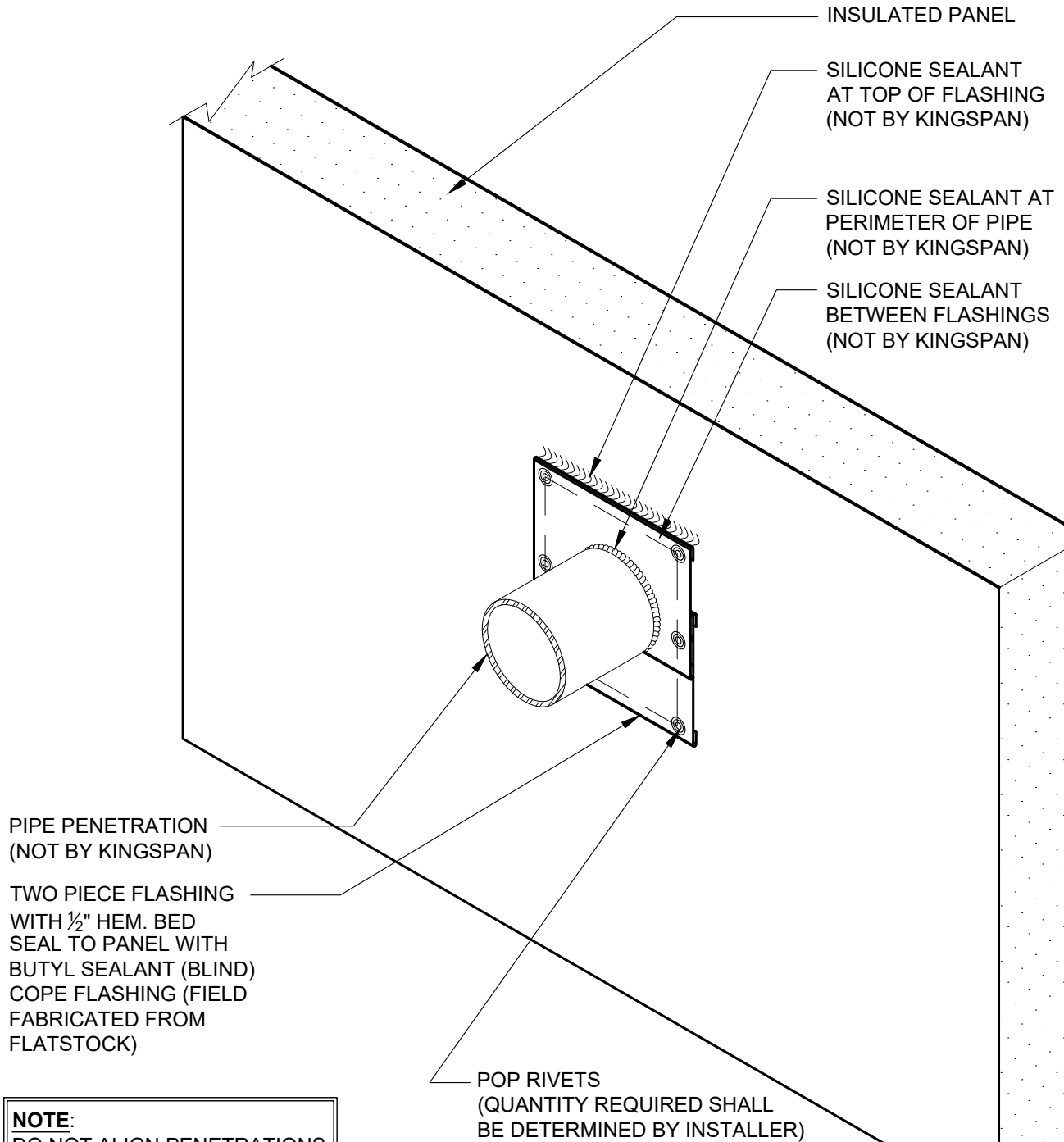
REGION: NORTH AMERICA

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NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

NOTE:
THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

NOTE: FLASHING AT PENETRATIONS
TO BE FIELD FABRICATED FROM FLATSTOCK
SHEETS AS NECESSARY. QUANTITY OF
FLATSTOCK REQUIRED SHALL BE DETERMINED BY INSTALLER
(NOT BY KINGSPAN)

REVISION	
REVISION #	DATE
1	12/15/23

PIPE PENETRATION
ISOMETRIC

DETAIL #: AR-PE-02-DW4V

RELEASE: 2024

REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION

INSULATED PANEL

NOTE: FLASHING AT PENETRATIONS TO BE FIELD FABRICATED FROM FLATSTOCK SHEETS AS NECESSARY. QUANTITY OF FLATSTOCK REQUIRED SHALL BE DETERMINED BY INSTALLER (NOT BY KINGSPAN)

SILICONE SEALANT AT TOP OF FLASHING (NOT BY KINGSPAN)

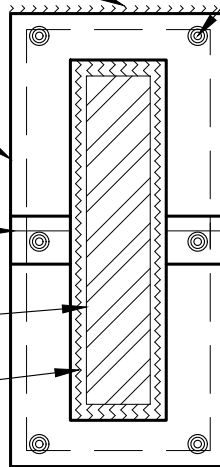
TWO PIECE FLASHING WITH $\frac{1}{2}$ " HEM. BED SEAL TO PANEL WITH BUTYL SEALANT (BLIND) COPE FLASHING (NOT BY KINGSPAN)

POP RIVETS (QUANTITY REQUIRED SHALL BE DETERMINED BY INSTALLER)

SILICONE SEALANT BETWEEN FLASHINGS (NOT BY KINGSPAN)

KNIFE PENETRATION (NOT BY KINGSPAN)

SILICONE SEALANT AT PERIMETER OF KNIFE (NOT BY KINGSPAN)



INSULATED PANEL

SILICONE SEALANT AT TOP OF FLASHING (NOT BY KINGSPAN)

POP RIVETS

KNIFE PENETRATION

SILICONE SEALANT AT PERIMETER OF KNIFE (NOT BY KINGSPAN)

FILL VOID WITH F.I.P INSULATION (NOT BY KINGSPAN)

NOTE: DO NOT ALIGN PENETRATIONS AT PANEL JOINT LOCATIONS.

NOTE: THIS DETAIL ASSUMES PENETRATION OCCURS AFTER PANEL IS INSTALLED

REVISION

REVISION #	DATE
1	12/15/23

KNIFE PLATE
PENETRATION
PLAN/SECTION

DETAIL #: AR-PE-03-DW4V

RELEASE: 2024

REGION: NORTH AMERICA

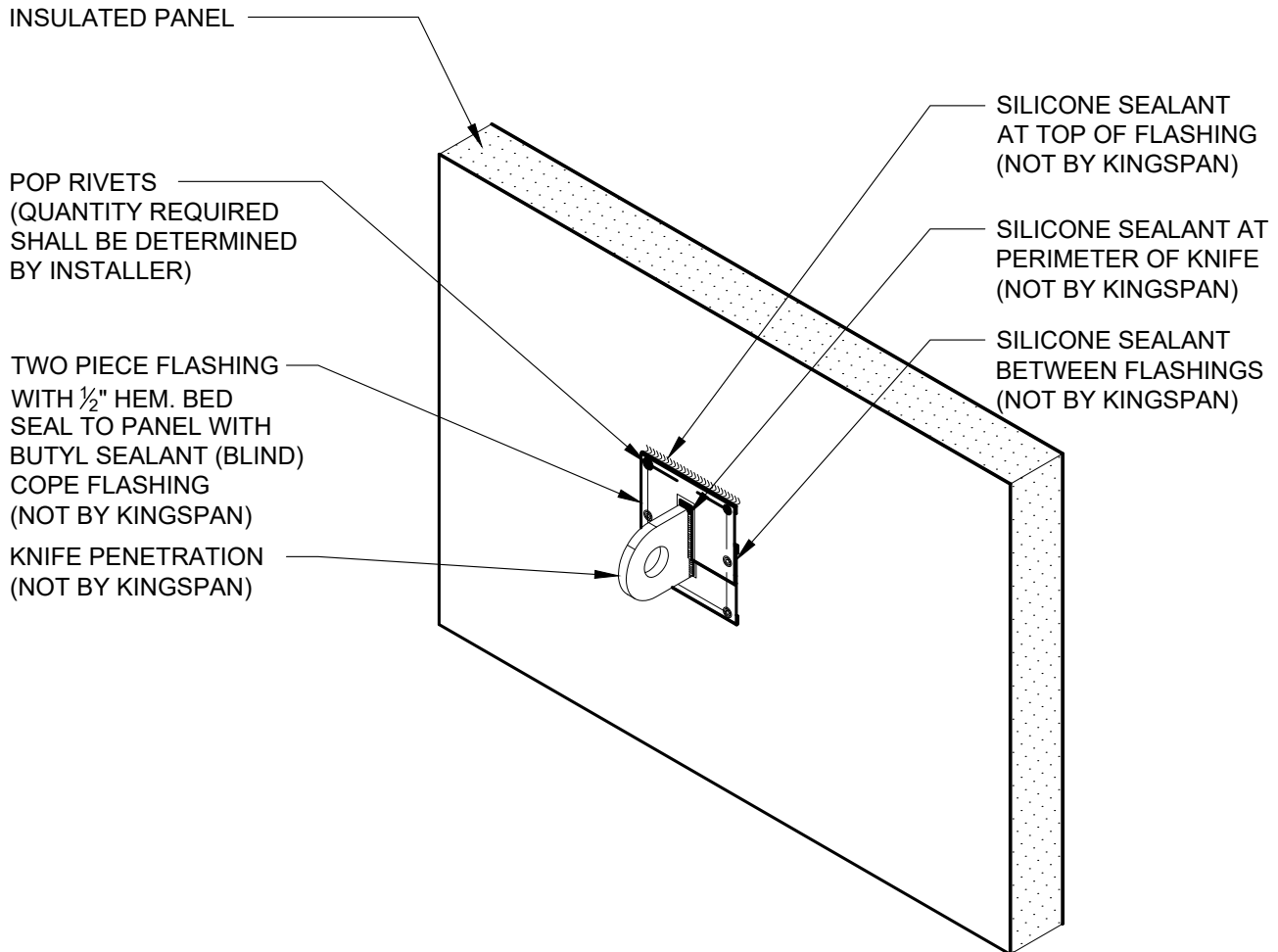
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DW-4000 - VERTICAL INSTALLATION

NOTE: FLASHING AT PENETRATIONS
TO BE FIELD FABRICATED FROM FLATSTOCK
SHEETS AS NECESSARY. QUANTITY OF
FLATSTOCK REQUIRED SHALL BE DETERMINED
BY INSTALLER
(NOT BY KINGSPAN)



NOTE: THIS DETAIL ASSUMES
PENETRATION OCCURS
AFTER PANEL IS INSTALLED

NOTE:
DO NOT ALIGN PENETRATIONS
AT PANEL JOINT.

REVISION	
REVISION #	DATE
1	12/15/23

KNIFE PLATE
PENETRATION
ISOMETRIC

DETAIL #: AR-PE-04-DW4V

RELEASE: 2024

REGION: NORTH AMERICA

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DW-4000 - VERTICAL INSTALLATION

INSULATED PANEL

NOTE: FLASHING AT PENETRATIONS TO BE FIELD FABRICATED FROM FLATSTOCK SHEETS AS NECESSARY. QUANTITY OF FLATSTOCK REQUIRED SHALL BE DETERMINED BY INSTALLER (NOT BY KINGSPAN)

SILICONE SEALANT AT TOP OF FLASHING (NOT BY KINGSPAN)

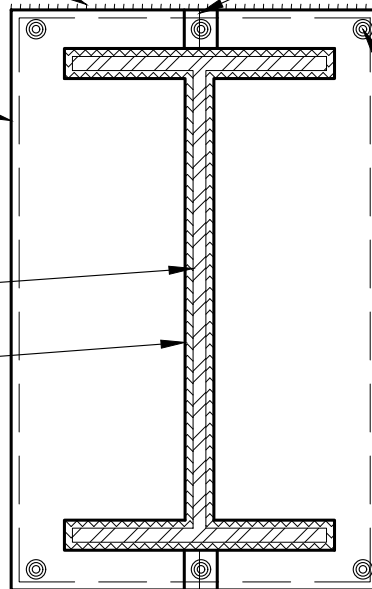
SILICONE SEALANT BETWEEN FLASHINGS (NOT BY KINGSPAN)

TWO PIECE FLASHING WITH $\frac{1}{2}$ " HEM. BED SEAL TO PANEL WITH BUTYL SEALANT (BLIND) COPE FLASHING (NOT BY KINGSPAN)

POP RIVETS (QUANTITY REQUIRED SHALL BE DETERMINED BY INSTALLER)

BEAM PENETRATION (NOT BY KINGSPAN)

SILICONE SEALANT AT PERIMETER OF BEAM (NOT BY KINGSPAN)



INSULATED PANEL

SILICONE SEALANT AT TOP OF FLASHING (NOT BY KINGSPAN)

BEAM PENETRATION

POP RIVETS

SILICONE SEALANT AT PERIMETER OF BEAM (NOT BY KINGSPAN)

FILL VOID WITH F.I.P INSULATION (NOT BY KINGSPAN)

NOTE:
DO NOT ALIGN PENETRATIONS AT PANEL JOINT LOCATIONS.

NOTE: THIS DETAIL ASSUMES PENETRATION OCCURS AFTER PANEL IS INSTALLED

REVISION

REVISION #	DATE
1	12/15/23

I-BEAM PENETRATION
PLAN/SECTION

DETAIL #: AR-PE-05-DW4V

RELEASE: 2024

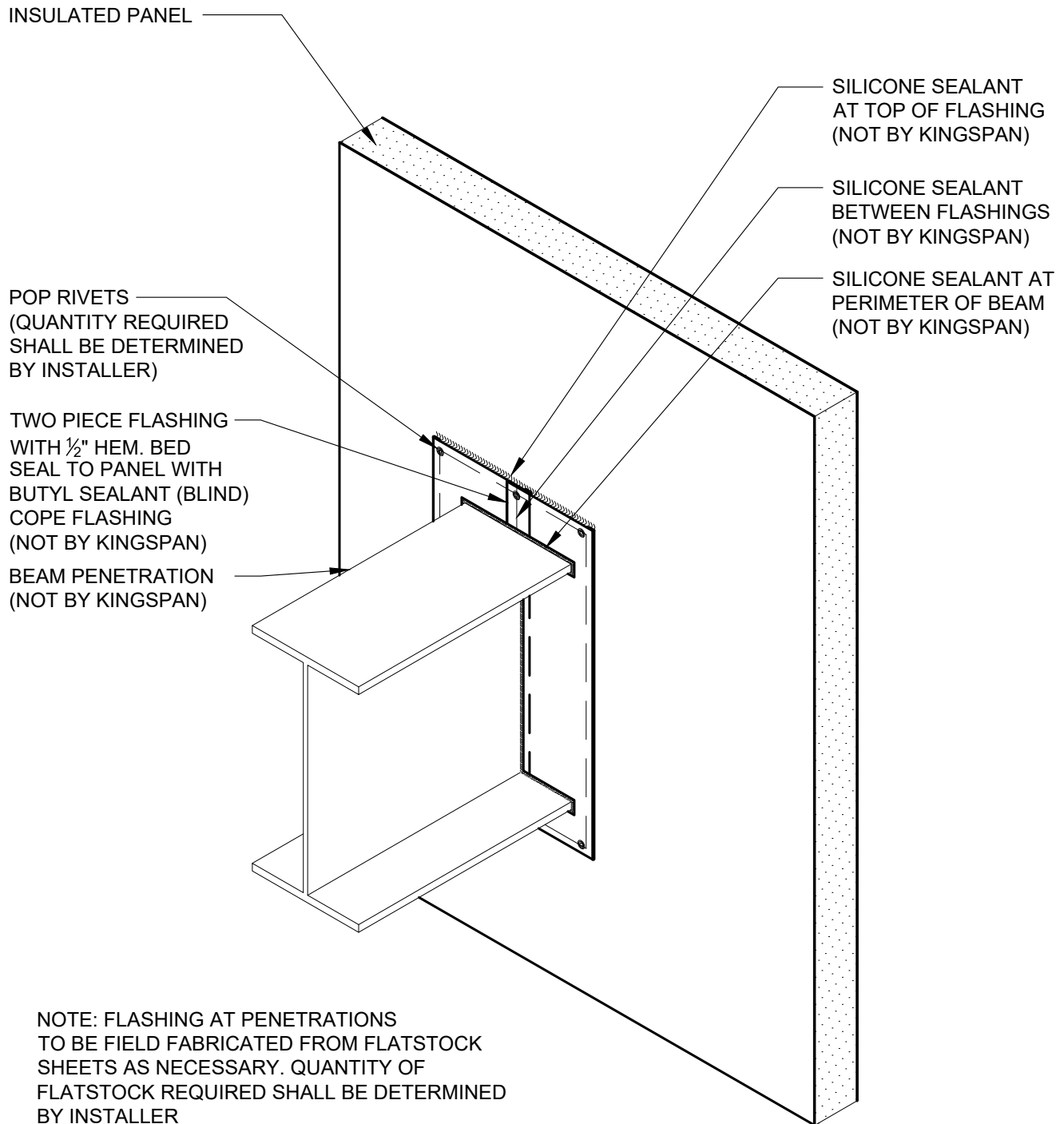
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DW-4000 - VERTICAL INSTALLATION



NOTE: FLASHING AT PENETRATIONS TO BE FIELD FABRICATED FROM FLATSTOCK SHEETS AS NECESSARY. QUANTITY OF FLATSTOCK REQUIRED SHALL BE DETERMINED BY INSTALLER (NOT BY KINGSPAN)

NOTE: THIS DETAIL ASSUMES PENETRATION OCCURS AFTER PANEL IS INSTALLED

NOTE:
DO NOT ALIGN PENETRATIONS AT PANEL JOINT.

REVISION	
REVISION #	DATE
1	12/15/23

I-BEAM PENETRATION
ISOMETRIC

DETAIL #: AR-PE-06-DW4V

RELEASE: 2024

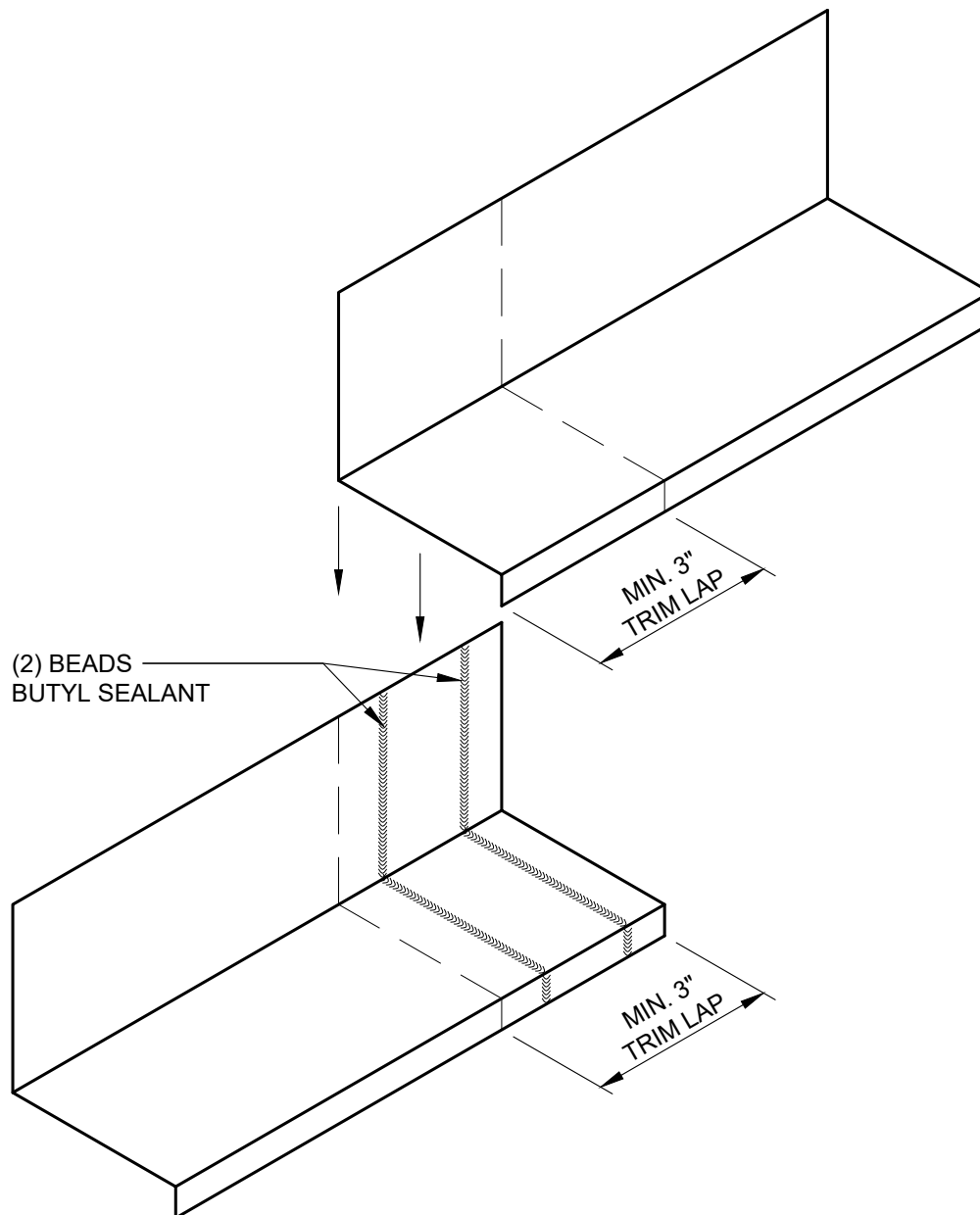
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BASE FLASHING W/ HEM
TRIM LAP

DETAIL #: AR-TL-01-DW4V

RELEASE: 2024

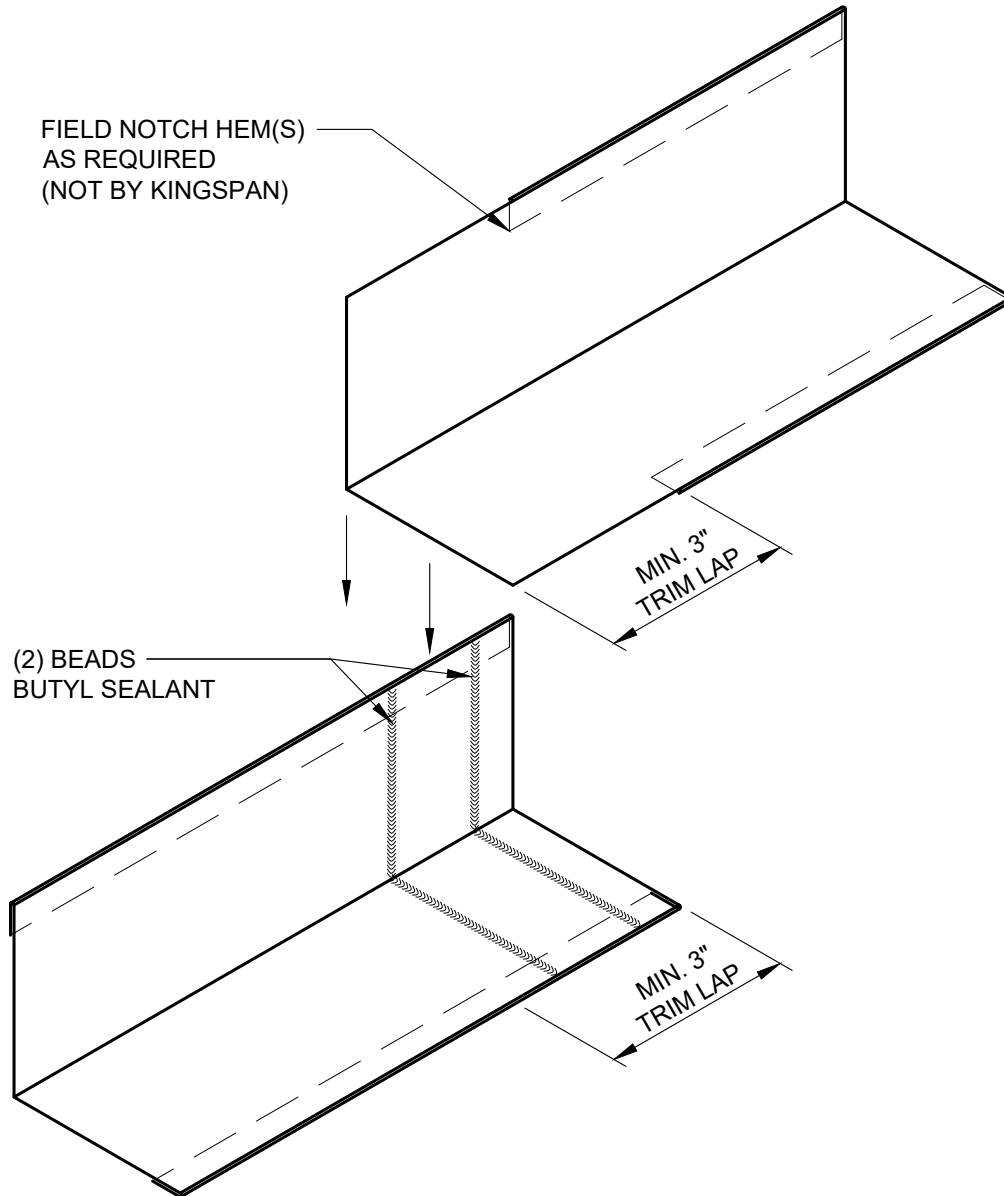
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DW-4000 - VERTICAL INSTALLATION



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REVISION #	DATE
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BASE FLASHING TRIM
LAP

DETAIL #: AR-TL-02-DW4V

RELEASE: 2024

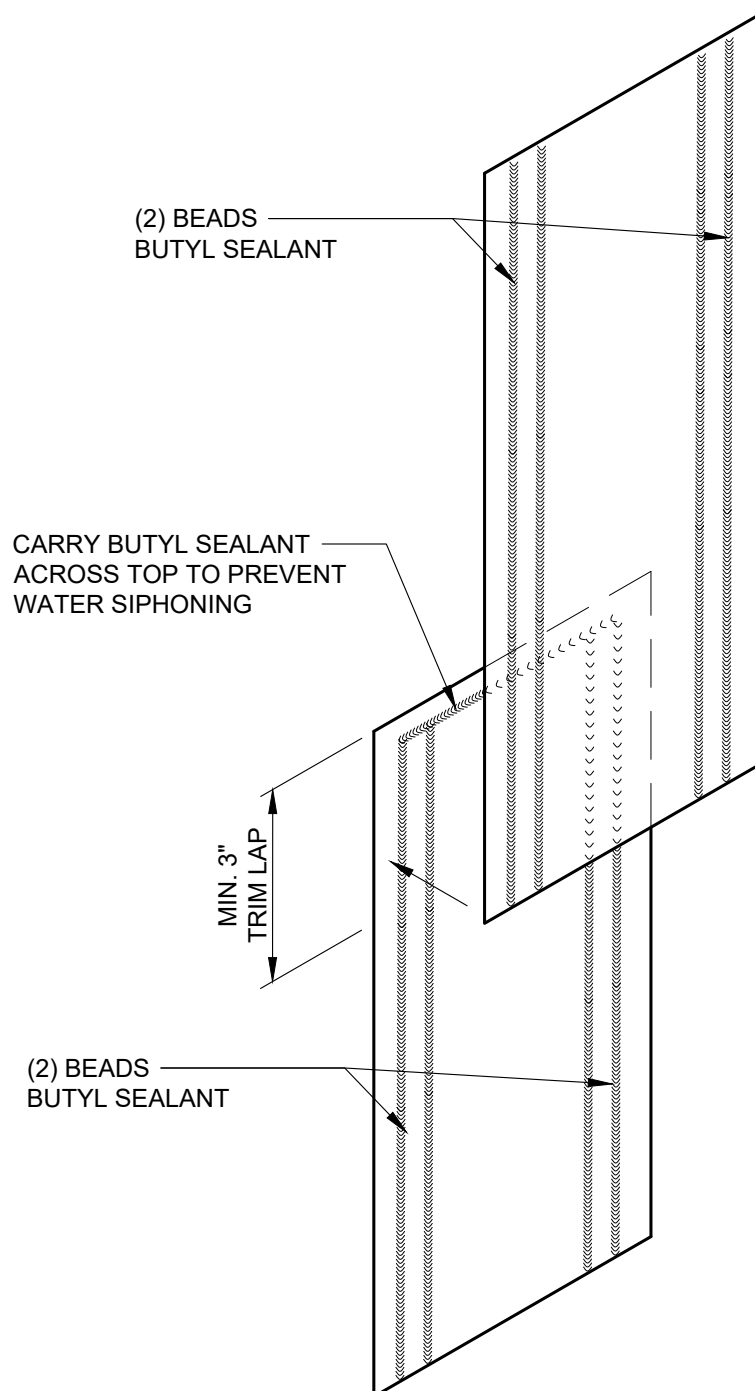
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REVISION #	DATE
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MENDING PLATE TRIM
LAP

DETAIL #: AR-TL-03-DW4V

RELEASE: 2024

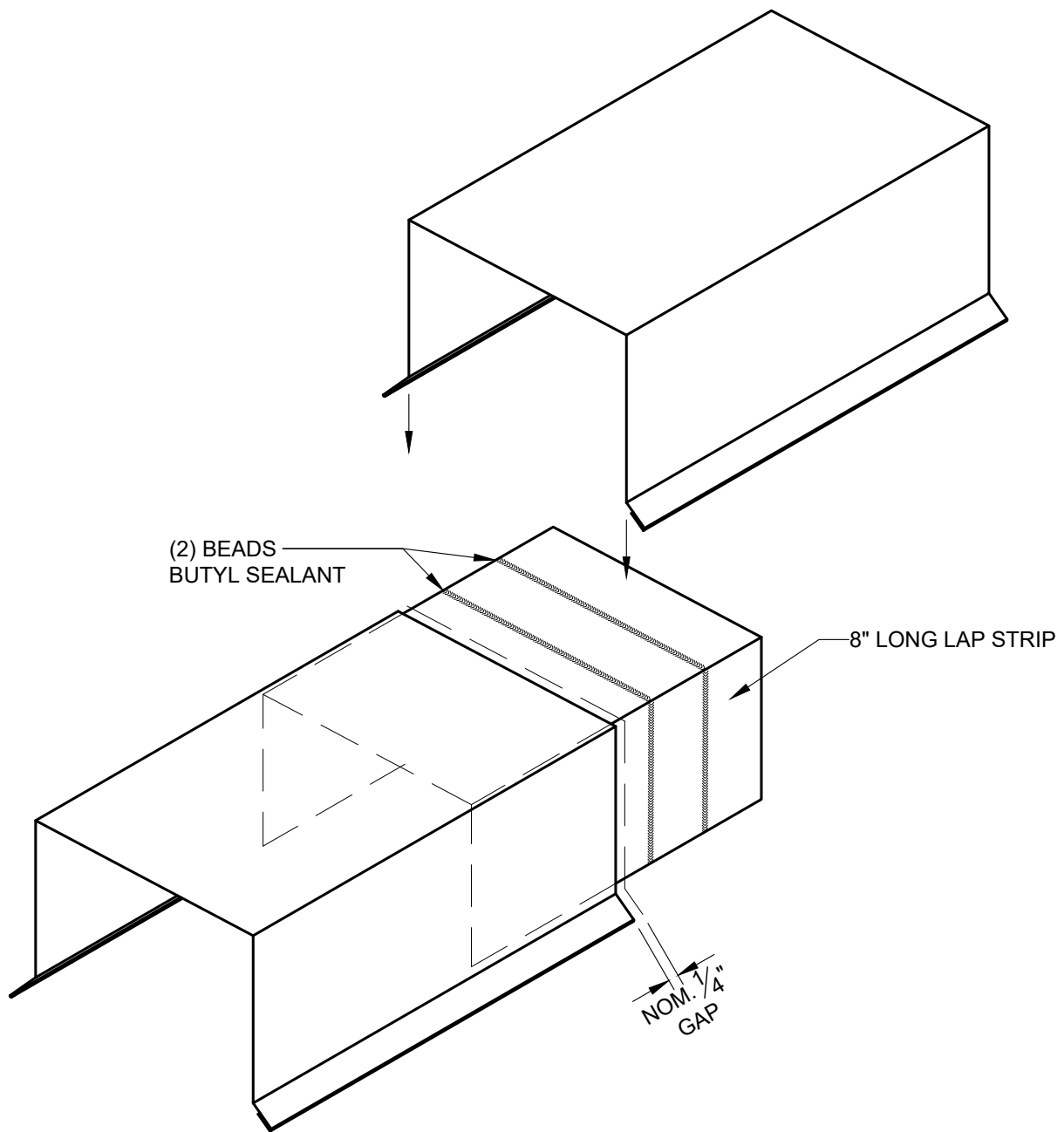
REGION: NORTH AMERICA

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REVISION #	DATE
1	12/15/23

PARAPET TRIM LAP AND
LAP STRIP

DETAIL #: AR-TL-04-DW4V

RELEASE: 2024

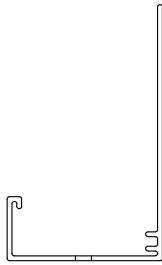
REGION: NORTH AMERICA

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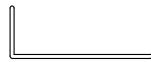


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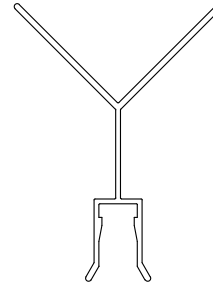


2" PANEL BASE
EXTRUSION
PART # 2-0218

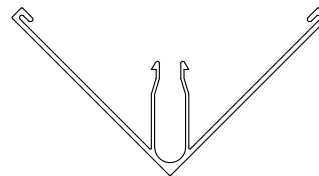
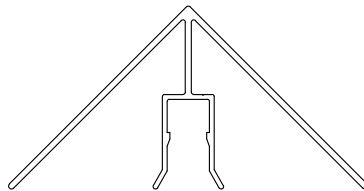


SPLICE PLATE
PART # 2-0283

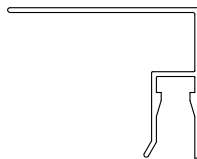
OUTSIDE CORNER
EXTRUSION RECEIVER
PART # (BM) 2-0234



INSIDE CORNER
EXTRUSION FEMALE
PART # 2-0235



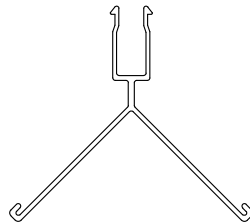
2" OUTSIDE CORNER
EXTRUSION CAP
PART # (BM) 2-0235



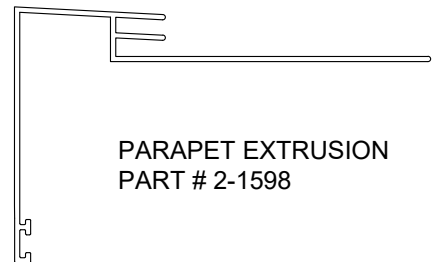
2" TWO-PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART # 2-0214



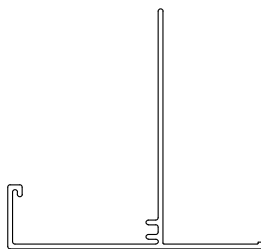
ENDWALL EXTRUSION CAP
PART # 2-0215



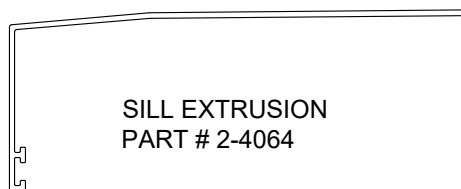
2" INSIDE CORNER
EXTRUSION MALE
PART # 2-0234



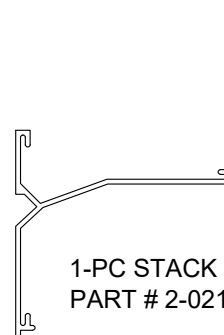
PARAPET EXTRUSION
PART # 2-1598



2" PANEL SOFFIT
EXTRUSION
PART # 2-0211



SILL EXTRUSION
PART # 2-4064



1-PC STACK JOINT
PART # 2-0213

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REVISION #	DATE
1	12/15/23

2" EXTRUSIONS

DETAIL #: AR-EX-01-DW4V

RELEASE: 2024

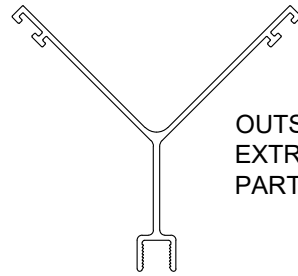
REGION: NORTH AMERICA

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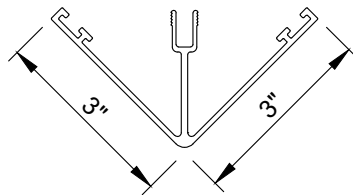


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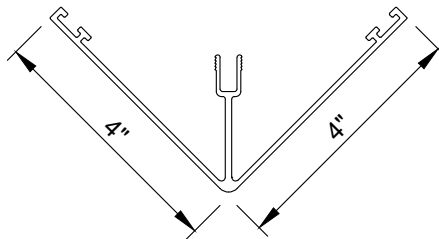
DW-4000 - VERTICAL INSTALLATION



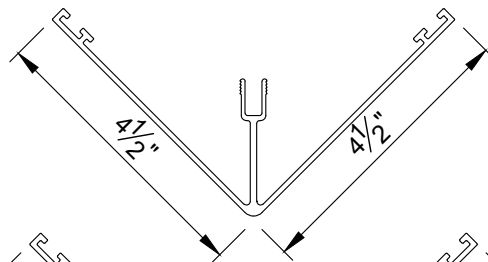
OUTSIDE CORNER
EXTRUSION FEMALE
PART # (KS) 2-3998



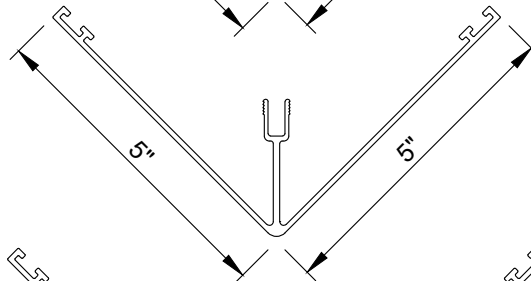
3"x3" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 2-4083



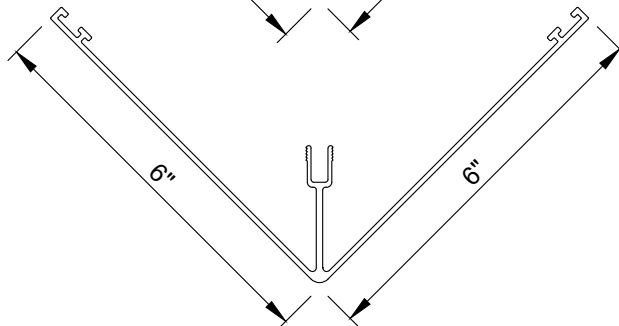
4"x4" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 2-4042



4.5"x4.5" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 2-4072



5"x5" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 2-4043



6"x6" OUTSIDE CORNER
EXTRUSION MALE
PART # (KS) 2-4044

REVISION	
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OUTSIDE CORNER
EXTRUSION OPTIONS

DETAIL #: AR-EX-02-DW4V

RELEASE: 2024

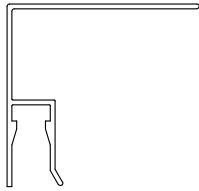
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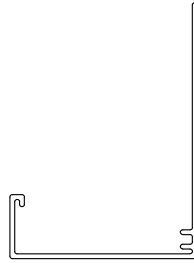


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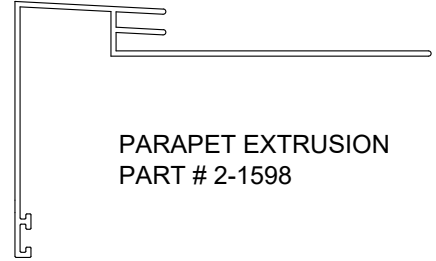
DW-4000 - VERTICAL INSTALLATION



2.5" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART # 2-1063



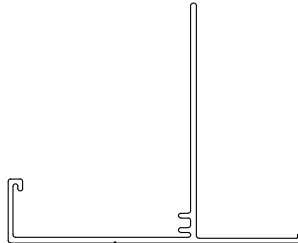
BASE EXTRUSION
PART # 2-4096



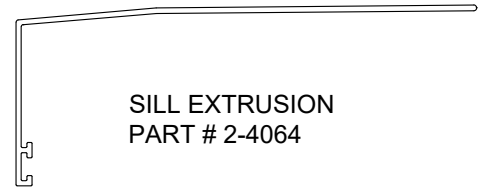
PARAPET EXTRUSION
PART # 2-1598



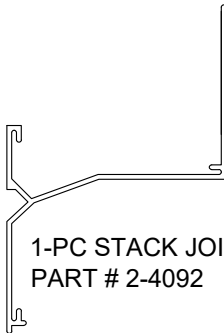
ENDWALL EXTRUSION
CAP
PART # 2-0215



2.5" PANEL SOFFIT
EXTRUSION PART # 2-4031



SILL EXTRUSION
PART # 2-4064

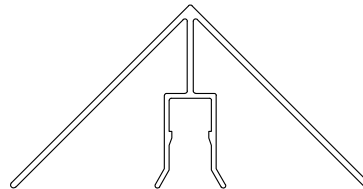


1-PC STACK JOINT
PART # 2-4092

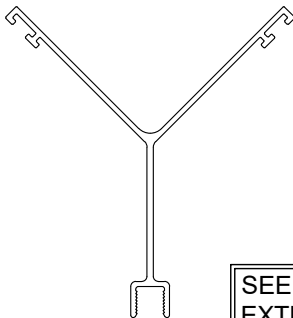


SPLICE PLATE
PART # 2-4030

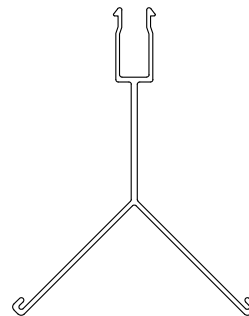
INSIDE CORNER
EXTRUSION RECEIVER
PART # 2-0235



2.5" OUTSIDE CORNER
EXTRUSION FEMALE
PART # 2-3999



SEE OUTSIDE CORNER
EXTRUSION CAPS FOR
AVAILABLE SIZES



2.5" INSIDE CORNER
EXTRUSION CAP
PART # 2-4093

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2.5" EXTRUSIONS

DETAIL #: AR-EX-03-DW4V

RELEASE: 2024

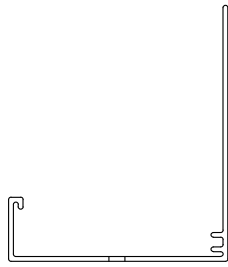
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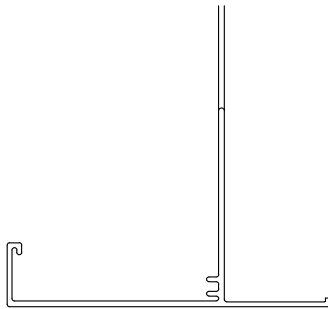
DW-4000 - VERTICAL INSTALLATION



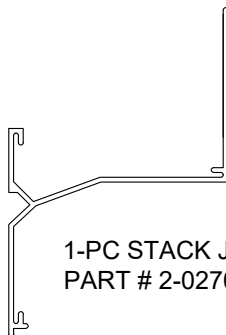
3" PANEL BASE
EXTRUSION
PART # 2-0227



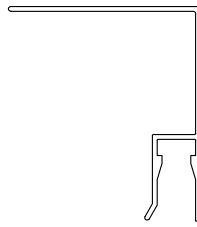
SPLICE PLATE
PART # 2-3997



3" PANEL SOFFIT
EXTRUSION
PART # 2-0292



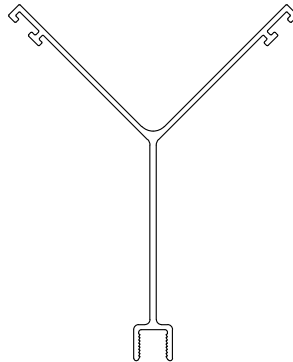
1-PC STACK JOINT
PART # 2-0270



3" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART # 2-0269

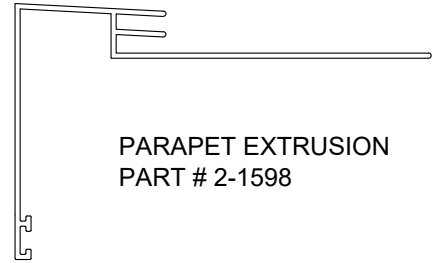


ENDWALL EXTRUSION
CAP
PART # 2-0215

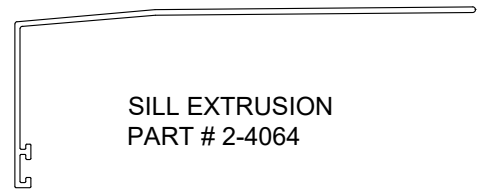


3" OUTSIDE CORNER
EXTRUSION FEMALE
PART # 2-4000

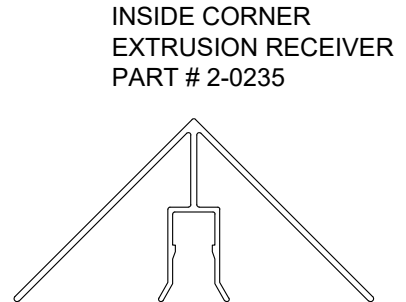
SEE OUTSIDE CORNER
EXTRUSION CAPS FOR
AVAILABLE SIZES



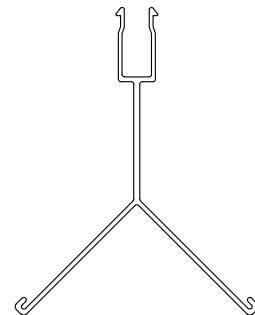
PARAPET EXTRUSION
PART # 2-1598



SILL EXTRUSION
PART # 2-4064



INSIDE CORNER
EXTRUSION RECEIVER
PART # 2-0235



3" INSIDE CORNER
EXTRUSION CAP
PART # 2-0296

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3" EXTRUSIONS

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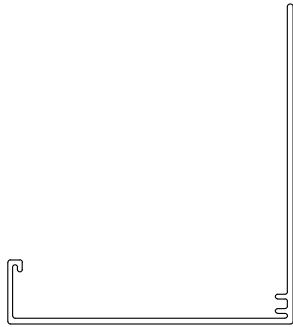
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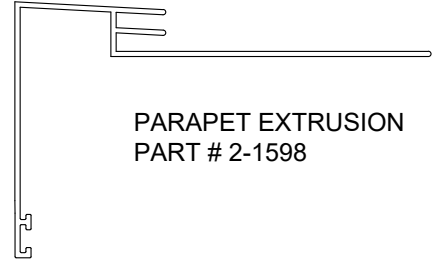
DW-4000 - VERTICAL INSTALLATION



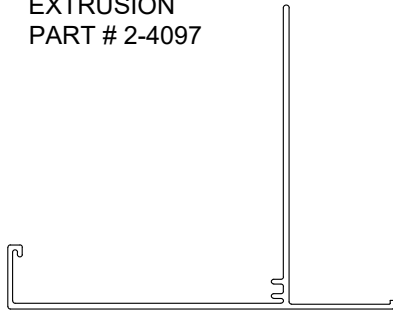
4" PANEL BASE
EXTRUSION
PART # 2-4097



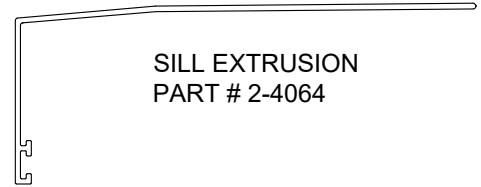
SPLICE PLATE
PART # 2-4099



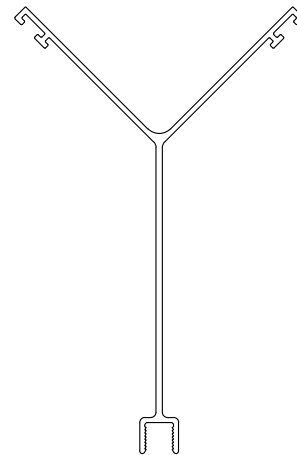
PARAPET EXTRUSION
PART # 2-1598



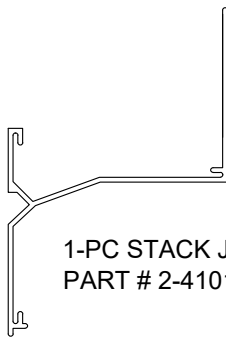
4" PANEL SOFFIT
EXTRUSION
PART # 2-4098



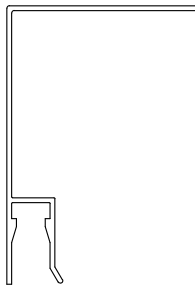
SILL EXTRUSION
PART # 2-4064



4" OUTSIDE CORNER
EXTRUSION FEMALE
PART # 2-4001



1-PC STACK JOINT
PART # 2-4101



4" TWO PIECE
ENDWALL/JAMB
EXTRUSION RECEIVER
PART # 2-4266



ENDWALL EXTRUSION
CAP
PART # 2-0215

SEE OUTSIDE CORNER
EXTRUSION CAPS FOR
AVAILABLE SIZES

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4" EXTRUSIONS

DETAIL #: AR-EX-05-DW4V

RELEASE: 2024

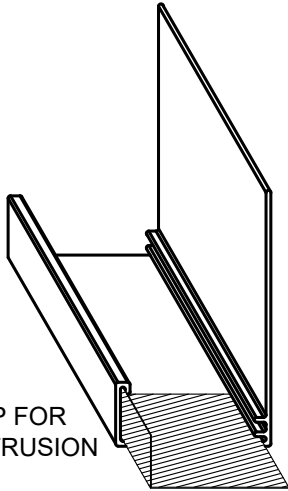
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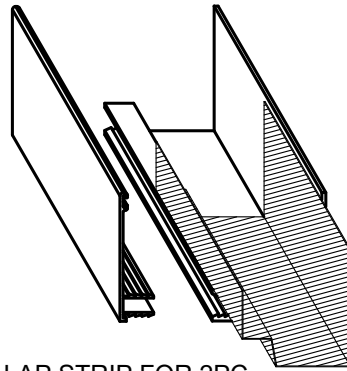


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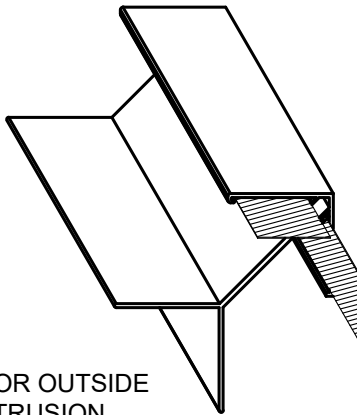
DW-4000 - VERTICAL INSTALLATION



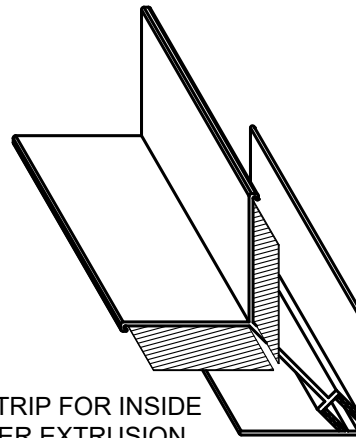
LAP STRIP FOR
BASE EXTRUSION



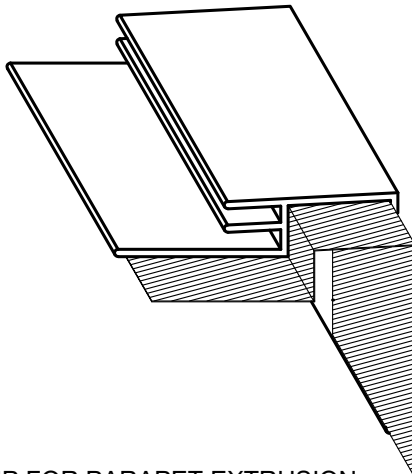
LAP STRIP FOR 2PC
JAMB EXTRUSION



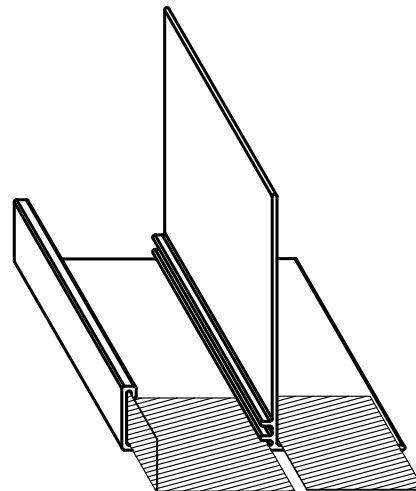
LAP STRIP FOR OUTSIDE
CORNER EXTRUSION



LAP STRIP FOR INSIDE
CORNER EXTRUSION



LAP STRIP FOR PARAPET EXTRUSION



LAP STRIP FOR SOFFIT EXTRUSION

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LAP STRIPS

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